GA INSIGNIA

OWNER'S HANDBOOK

HOLDEN

GM Holden Ltd, ABN 84 006 893 232 (hereinafter Holden)

Change of name, address or ownership

If you drive a pre-owned Holden, have moved house or changed any of your details, we'd like to hear from you!

Holden uses your details to keep your vehicle's factory provided Roadside Assistance and Warranty details up to date.

It also helps us let you know if there is an existing safety recall or rework on your vehicle. To update your details, please take a few minutes to fill in and mail the form at the back of the Service/Warranty booklet or visit Holden's website at: www.holden.com.au/forms/change-of-owner-details

GM Holden Ltd (Holden) is collecting the new owner's personal information in order to process the request for transfer for the specified vehicle. We may disclose your personal information to our related companies and third parties who provide us with (or help us provide) products and services, including to overseas locations such as the USA, and other countries in Europe, Oceania and Asia. Holden's privacy policy (available at: www.holden.com.au/privacypolicy) states how you can seek to access or correct any personal information Holden holds about you, how to complain about a privacy breach by Holden and how Holden will deal with a privacy complaint.
You can contact Holden on 1800 033 349 or alternatively, you may prefer to email Holden at: holdencustomercare@gm.com

Note: Please refer to the inside front cover of the Service/Warranty booklet for the Vehicle Identification Certificate.

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Introduction

We thank you for choosing Holden and want to assure you of our continuing interest in your driving pleasure and satisfaction.

This handbook applies to the current Insignia model. Therefore, due to different options, you may find reference in this Handbook to some equipment not fitted to your own vehicle.

Please note that all information, illustrations and specifications in this Handbook are based on the latest production information available at the time of printing. Holden reserves the right to make changes at any time without notice and without incurring any obligation.

Introduction

Your vehicle is a designed combination of advanced technology, safety, environmental friendliness and economy.

This Owner's Manual provides you with all the necessary information to enable you to drive your vehicle safely and efficiently.

Make sure your passengers are aware of the possible risk of accident and injury which may result from improper use of the vehicle.

Using this manual

- This manual describes all options and features available for this model. **Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant.**
- The "In brief" section will give you an initial overview.
- The table of contents at the beginning of this manual and within each section shows where the information is located.
- The index will enable you to search for specific information.
- Directional data, e.g. left or right, or front or back, always relate to the direction of travel.
- Display messages and interior labelling are written in **bold** letters.

Danger, Warnings and Cautions

⚠Danger

Text marked ⚠**Danger** provides information on risk of fatal injury. Disregarding this information may endanger life.

⚠Warning

Text marked ⚠**Warning** provides information on risk of accident or injury. Disregarding this information may lead to injury.

Caution

Text marked **Caution** provides information on possible damage to the vehicle. Disregarding this information may lead to vehicle damage.

Symbols

Page references are indicated with ⇨. ⇨ means "see page".

Chronological order to select menu entries in the vehicle personalization is indicated with ➧.

In brief

Initial drive information

Vehicle unlocking

Press to unlock the doors, boot lid and fuel filler flap. Open the doors by pulling the handles. To open the boot lid, pull the button under the boot lid moulding.

Press ; only the boot lid is unlocked and opens.

Radio remote control ⇨ 16, Central locking system ⇨ 18, Electronic key system ⇨ 17, Load compartment ⇨ 23.

Seat adjustment

Power seat adjustment

Operate switch **1**:

for-/backwards	=	lengthwise adjustment
up-/downwards	=	height adjustment
up-/downwards at front	=	inclination adjustment

⚠Danger

Do not sit nearer than 25 cm from the steering wheel, to permit safe airbag deployment.

Operate switch **2**:

for-/backwards = backrest adjustment

Head restraint adjustment

Head restraints on rear seats

Pull the head restraint upwards and let engage. To move downwards, press the catch to release and push the head restraint downwards.

Head restraints ⇨ 32.

Seat belt

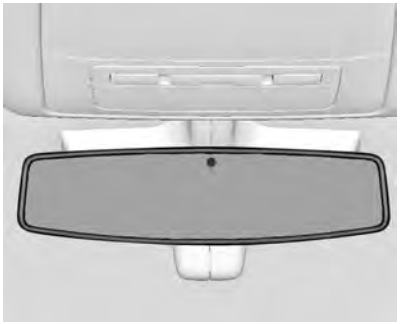
Pull out the seat belt and engage in belt buckle. The seat belt must not be twisted and must fit close against the body. The backrest must not be tilted back too far (maximum approx. 25°).

To release belt, press red button on belt buckle.

Seat position ⇨ 33, Seat belts ⇨ 38, Airbag system ⇨ 42.

Mirror adjustment

Interior mirror



Dazzling by following vehicles at night is automatically reduced by dimming the interior mirror.

Automatic anti-dazzle interior mirror ⇨ 28.

Exterior mirrors

Select the relevant exterior mirror by switching the control to left mirror **(L)** or right mirror **(R)**. Then adjust.

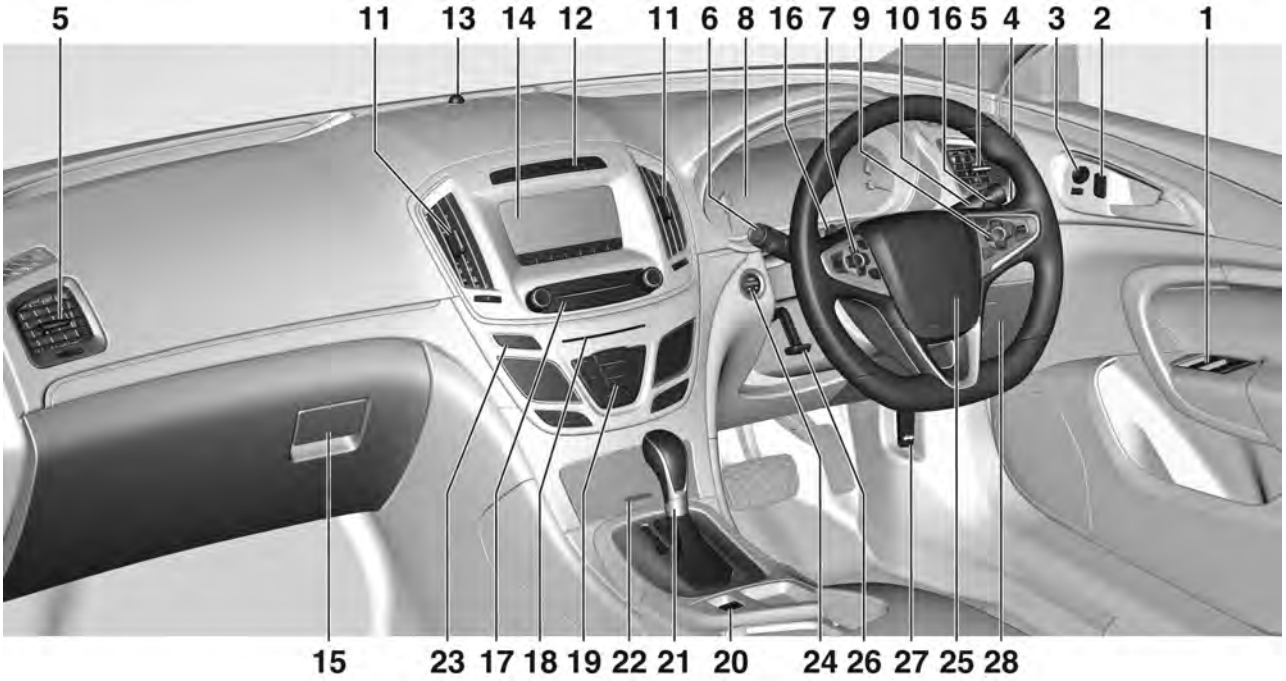
Convex exterior mirrors ⇨ 27, Electric adjustment ⇨ 27, Folding exterior mirrors ⇨ 27, Heated exterior mirrors ⇨ 28.

Steering wheel adjustment

Unlock lever, adjust steering wheel, then engage lever and ensure it is fully locked. Do not adjust steering wheel unless vehicle is stationary and steering wheel lock has been released.

Airbag system ⇨ 42.

Instrument panel overview



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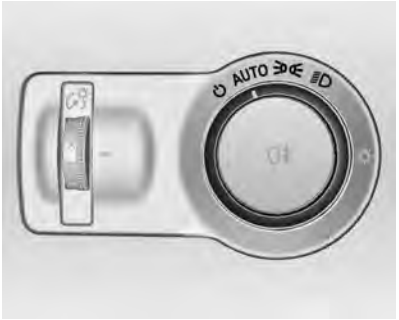
Exterior lighting



Automatic light control

AUTO = automatic light control: exterior lighting is switched on and off automatically

⏻ = activation or deactivation of the automatic light control, switch turns back to **AUTO**

≡D = parking lights

≡D = headlights and parking lights

Fog light

⧧ = rear fog light

Lighting ⇨ 84.

Headlight flash, high beam and low beam

headlight flash = pull lever
high beam = push lever
low beam = push or pull lever from high beam

Automatic light control ⇨ 84, High beam ⇨ 85, Headlight flash ⇨ 85, Adaptive forward lighting ⇨ 85.

High beam assist

The high beam assist is activated by pushing the indicator lever twice with a speed above 40 km/h.

The green control indicator ≡D illuminates continuously when the assist is activated, the blue ≡D illuminates when high beam is on.

To deactivate the high beam assist push indicator lever once.

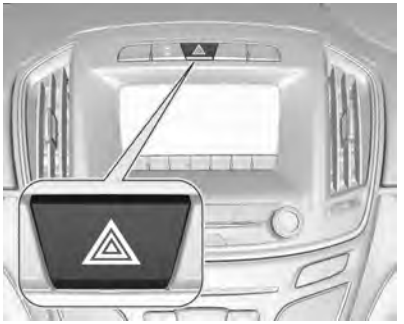
Control indicator ≡D ⇨ 71.

Turn and lane-change signals

lever up = right turn signal
lever down = left turn signal

Turn and lane-change signals ⇨ 88, Parking lights ⇨ 89.

Hazard warning flashers



Operated by pressing ⚠.

Hazard warning flashers ⇨ 88.

Horn

Press 📯.

Washer and wiper systems

Windscreen wiper

HI = fast
LO = slow
INT = interval wiping or automatic wiping with rain sensor
OFF = off

For a single wipe when the windscreen wiper is off, press the lever down to position **1x**.

Windscreen wiper ⇨ 58, Wiper blade replacement ⇨ 233.

Windscreen and headlight washer

Pull lever.

Windscreen and headlight washer system ⇨ 58, Washer fluid ⇨ 231.

Climate control

Heated rear window, heated exterior mirrors

Heating is operated by pressing ⛆.

Heated rear window ⇨ 31.

Demisting and defrosting the windows

Press .

Temperature and air distribution are set automatically and the fan runs at high speed.

Switch on heated rear window .

Dual automatic climate control ⇨ 169

Transmission

Automatic transmission

P = park
R = reverse
N = neutral
D = automatic mode
M = manual mode: move selector lever from **D** to the left.
+ = manual mode upshifting
– = manual mode downshifting

The selector lever can only be moved out of **P** when the ignition is on and the brake pedal is applied. To engage **P** or **R**, press the release button.

Automatic transmission ⇨ 182.

Starting off

Check before starting off

- Tyre pressure and condition ⇨ 245, ⇨ 268.
- Engine oil level and fluid levels ⇨ 229.
- All windows, mirrors, exterior lighting and number plates are free from dirt, snow and ice and are operational.
- Proper position of mirrors, seats, and seat belts ⇨ 27, ⇨ 33, ⇨ 39.
- Brake function at low speed, particularly if the brakes are wet.

Starting the engine

- Move the steering wheel slightly to release the steering wheel lock.
- Automatic transmission in **P** or **N**.
- Do not operate accelerator pedal.

- Press **Engine Start/Stop** and release.
- The engine starts after a short delay.

Starting the engine ⇨ 179.

Parking

⚠Warning

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply the parking brake.

  Apply electric parking brake by pulling switch Ⓟ for approx. one second.
- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, set the selector lever to position **P** before switching off the ignition. On an uphill slope, turn the front wheels away from the kerb.

  If the vehicle is on a downhill slope, engage reverse gear or set the selector lever to position **P** before switching off the ignition. Turn the front wheels towards the kerb.

- Switch off the engine and ignition. Turn the steering wheel until it locks.
- Close the windows.

- Lock the vehicle and activate the anti-theft alarm system ⇨ 18, ⇨ 24.
- The engine cooling fans may run after the engine has been switched off ⇨ 226.

Caution

After running at high engine speeds or with high engine loads, operate the engine briefly at a low load or run in neutral for approx. 30 seconds before switching off, in order to protect the turbocharger.

Keys, locks ⇨ 15, Storing the vehicle for a long period of time ⇨ 225.

Keys, doors and windows

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Keys, locks

Keys

Replacement keys

The key number is specified in the Car Pass or on a detachable tag.

The key number must be quoted when ordering replacement keys as it is a component of the immobiliser system.

Locks ⇨ 256, Radio remote control ⇨ 16, Electronic key ⇨ 17, Central locking ⇨ 18, Starting the engine ⇨ 179.

Lock cylinders

Designed to free-wheel if they are forcefully rotated without the correct key or if the correct key is not fully inserted. To reset, turn cylinder with the correct key until its slot is vertical, remove key and then re-insert it. If the cylinder still free-wheels, turn the key through 180° and repeat operation.

Key with foldaway key section

Press button to extend. To fold the key, first press the button.

Car Pass

The Car Pass contains security related vehicle data and should therefore be kept in a safe place.

When the vehicle is taken to a Holden dealer, this vehicle data is needed in order to perform certain operations.

Radio remote control

Enables operation of the following functions via the use of the remote control buttons:

- central locking system ⇨ 18
- anti-theft locking system ⇨ 24
- anti-theft alarm system ⇨ 24
- boot lid ⇨ 23
- power windows ⇨ 29
- mirror folding ⇨ 27

The remote control has an approximate range of up to 50 metres. It can be restricted by external influences. The hazard warning flashers confirm operation.

Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Replacing battery in radio remote control

Replace the battery as soon as the range reduces.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

Extend the key and open the unit. Replace the battery (battery type CR 2032), paying attention to the installation position. Close the unit and synchronise.

Radio remote control synchronisation

After replacing the battery, unlock the door with the key in the driver's door lock. The radio remote control will be synchronised when you switch on the ignition.

Fault

If the central locking system cannot be operated with the radio remote control, the cause may be one of the following:

- Fault in radio remote control.
- The range is exceeded.
- The battery voltage is too low.
- Frequent, repeated operation of the radio remote control while not in range, which will require re-synchronisation.
- Overload of the central locking system by operating at frequent intervals, the power supply is interrupted for a short time.
- Interference from higher-power radio waves from other sources.

Manual unlocking ⇨ 18.

Electronic key system

Enables a keyless operation of the following functions:

- central locking system ⇨ 18
- boot lid ⇨ 23
- ignition switching on and starting the engine ⇨ 179

The electronic key simply needs to be on the driver's person.

Additionally the electronic key includes the functionality of the radio remote control ⇨ 16.

Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Note

Do not put the electronic key in the load compartment or in front of the Info-Display.

Replacing battery in electronic key

Replace the battery as soon as the system no longer operates properly or the range is reduced. The need for battery replacement is indicated by a message in the Driver Information Centre ⇨ 78.

Battery replacement, see radio remote control ⇨ 16.

Electronic key synchronisation

The electronic key synchronises itself automatically during every starting procedure.

Fault

If the central locking cannot be operated or the engine cannot be started, the cause may be one of the following:

- Fault in electronic key.
- Electronic key is out of reception range.
- The battery voltage too low.
- Overload of the central locking system by operating at frequent intervals, the power supply is interrupted for a short time.
- Interference from higher-power radio waves from other sources.

To rectify the cause of the fault, change the position of the electronic key.

Manual unlocking ⇨ 18.

Memorised settings

Whenever the ignition is switched off, the following settings are automatically memorised by the remote control unit or the electronic key:

- automatic climate control
- lighting
- Infotainment system
- central locking system
- Sport mode settings
- comfort settings

The saved settings are automatically used the next time the ignition is switched on with the electronic key ⇨ 17.

A precondition is that **Personalisation by Driver** is activated in the personal settings of the Info-Display. This must be set for each remote control unit or electronic key which is used.

Also memorised are the adjustments of the driver's seat and exterior mirrors, independent of the memory positions ⇨ 33.

Power seat automatically moves into the saved position when unlocking and opening the driver's door with the memorised remote control or electronic key and **Auto Memory Recall** in the Info-Display is activated.

Vehicle personalisation ⇨ 80.

Central locking system

Unlocks and locks doors and fuel filler flap.

A pull on an interior door handle unlocks the respective door. Pulling the handle once more opens the door.

Note

In the event of an accident in which airbags or belt pretensioners are deployed, the vehicle is automatically unlocked.

Note

A short time after unlocking with the remote control the doors are locked automatically if no door has been opened.

Remote control operation

Unlocking

Press .

Unlocking mode can be set in the vehicle personalisation menu in the Colour-Info-Display. Two settings are selectable:

- All doors, boot lid and fuel filler flap are unlocked by pressing once.
- Only the driver's door, boot lid and fuel filler flap are unlocked by pressing once. To unlock all doors, press twice.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The setting can be saved for the remote control being used. Memorised settings ⇨ 18.

Locking

Close doors, boot lid and fuel filler flap.

Press .

If the driver's door is not closed properly, the central locking system will not work.

Unlocking and opening the boot lid

Press when the ignition is off until boot lid opens automatically. The doors remain locked. ⇨ 23

Confirmation

Operation of central locking system is confirmed by the hazard warning flashers.

Electronic key system operation

The electronic key must be outside the vehicle, within a range of approx. one metre of the relevant door side.

Unlocking

Press the button on any exterior door handle and pull the handle.

Unlocking mode can be set in the vehicle personalisation menu in the Colour-Info-Display. Two settings are selectable:

- All doors, boot lid and fuel filler flap are unlocked by pressing a button on any exterior handle once.
- Only the driver's door, boot lid and fuel filler flap are unlocked by pressing the button on driver`s door exterior handle once. To unlock all doors, press button twice.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The setting can be saved for the electronic key being used. Memorised settings ⇨ 18.

Locking

Press the button on any exterior door handle.

All doors, boot lid and fuel filler flap are locked.

The system only locks if any of the following occurs:

- It has been more than 5 seconds since unlocking.
- The button on an exterior handle has been pressed twice within 5 seconds.
- Any door has been opened and then all doors are closed.

If the driver's door is not closed properly or the electronic key remains in the vehicle and the ignition is not off, locking will not be permitted and a warning tone sounds three times.

If there have been two or more electronic keys in the vehicle and the ignition was on once, the doors will be locked even if just one electronic key is taken out of the vehicle.

Unlocking and opening the boot lid

The boot lid and the doors can be unlocked by pressing the button under the boot lid moulding when electronic key is in range.

Passive Locking

See Automatic locking ⇨ 21.

Confirmation
Operation of central locking system is confirmed by the hazard warning flashers.

Central locking buttons

Locks or unlocks all doors, the boot lid and fuel filler flap from the passenger compartment by a switch in the driver's door panel.

Press to lock.

Press to unlock.

Fault in radio remote control unit or electronic key system

Manual unlocking

Manually unlock the driver's door by turning the key in the lock. Switch on the ignition and press the central locking button to unlock all doors, boot lid and fuel filler flap. By switching on the ignition, the anti-theft locking system is deactivated.

Manual locking
Manually lock the driver's door by turning the key in the lock.

Fault in central locking system

Manual unlocking
Manually unlock the driver's door by turning the key in the lock. The other doors can be opened by pulling the interior handle twice. The boot lid and fuel filler flap cannot be opened. To deactivate the anti-theft locking system, switch on the ignition ⇨ 24.

Manual locking
Push inside locking knob of all doors except driver's door. Then close the driver's door and lock it from the outside with the key. The fuel filler flap and boot lid cannot be locked.

Automatic locking

Automatic locking after driving off

This security feature can be configured to automatically lock all doors, boot lid and fuel filler flap after driving off and exceeding a certain speed.

When at a standstill after driving, the vehicle will be unlocked automatically as soon as the key is removed from the ignition switch, or with electronic key system when the ignition is switched off.

Activation or deactivation of automatic locking can be set in the menu **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The setting can be saved for the remote control or electronic key being used ⇨ 18.

Automatic relock after unlocking

This feature can be configured to automatically lock all doors, boot lid and fuel filler flap a short time after unlocking with the remote control or electronic key, provided no door has been opened.

Activation or deactivation of automatic relock can be set in the menu **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The setting can be saved for the remote control or electronic key being used ⇨ 18.

Passive locking

In vehicles with electronic key system, this feature locks the vehicle automatically after several seconds if an electronic key has been recognised previously inside the vehicle, all doors have then been closed and the electronic key does not remain in the interior.

If the electronic key remains in the vehicle or the ignition is not off, passive locking will not be permitted and a warning tone sounds three times.

If there have been two or more electronic keys in the vehicle and the ignition was on once, the feature locks the vehicle if just one electronic key is taken out of the vehicle.

Passive locking can be disabled by pressing for a few seconds while one door is open. It remains disabled until is pressed or the ignition is switched on.

Activation or deactivation of passive locking can be set in the menu **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The setting can be saved for the remote control or electronic key being used ⇨ 18.

Child locks

⚠Warning

Use the child locks whenever children are occupying the rear seats.

Using a key or suitable screwdriver, turn the child lock in the rear door to the horizontal position. The door cannot be opened from the inside. For deactivation turn the child lock to the vertical position.

Doors

Load compartment

Boot lid

Opening

Press on radio remote control until the boot lid is opened automatically, or press the button under the boot lid moulding after unlocking.

Central locking system ⇨ 18.

Closing

Use the interior handle.

Do not pull the button under the moulding whilst closing as this will unlock the boot lid again.

Central locking system ⇨ 18.

Vehicle security

Anti-theft locking system

⚠Warning

Do not use the system if there are people in the vehicle! The doors cannot be unlocked from the inside.

The system deadlocks all the doors. All doors must be closed and the electronic key must not remain in the vehicle. Otherwise the system cannot be activated.

If the ignition was on, the driver's door must be opened and closed once so that the vehicle can be secured.

Unlocking the vehicle disables the mechanical anti-theft locking system. This is not possible with the central locking button in the passenger compartment.

Activating

Radio remote control or electronic key: press 🔒 twice within 5 seconds.

Anti-theft alarm system

The anti-theft alarm system is operated in conjunction with the central locking system.

It monitors:

- doors, boot lid, bonnet
- passenger compartment including adjoining boot lid
- vehicle inclination, e.g. if it is raised
- ignition

Activation

All doors must be closed and the electronic key must not remain in the vehicle. Otherwise the system cannot be activated.

- Radio remote control: self-activated 30 seconds after locking the vehicle by pressing 🔒 once.
- Electronic key system: self-activated 30 seconds after locking the vehicle by pressing the button on any exterior door handle.

- Radio remote control or electronic key: directly by pressing twice within 5 seconds.
- Electronic key system with passive locking enabled: briefly activated after passive locking occurs.

Note

Changes to the vehicle interior such as the use of seat covers and open windows, could impair the function of passenger compartment monitoring.

Activation without monitoring of passenger compartment and vehicle inclination

Switch off the monitoring of passenger compartment and vehicle inclination when animals are being left in the vehicle, because of high volume ultrasonic signals or movements triggering the alarm. Also switch off when the vehicle is on a ferry or train.

1. Close boot lid, bonnet and windows.
2. Press . LED in the button illuminates for a maximum of 10 minutes.
3. Close the doors.
4. Activate the anti-theft alarm system.

Status message is displayed in the Driver Information Centre.

Status LED

Status LED is integrated in the sensor on top of the instrument panel.

Status during the first 30 seconds of anti-theft alarm system activation:

LED illuminates = test, arming delay
LED flashes quickly = doors, boot lid or bonnet not completely closed, or system fault

Status after system is armed:

LED flashes slowly = system is armed

Seek the assistance of a Holden dealer in the event of faults.

Deactivation

Radio remote control: Unlocking the vehicle by pressing deactivates anti-theft alarm system.

Electronic key system: Unlocking the vehicle by pressing the button on any exterior door handle deactivates anti-theft alarm system.

The system is not deactivated when unlocking the driver's door with the key or with the central locking button in the passenger compartment.

Alarm

When triggered, the alarm horn sounds and the hazard warning lights flash simultaneously.

The anti-theft alarm system can be deactivated only by pressing or by pressing the switch on the door handle (electronic key system) or switching on the ignition.

A triggered alarm, which has not been interrupted by the driver, will be indicated by the hazard warning lights. They will flash quickly three times when the vehicle is unlocked next time with the radio remote control. Additionally a warning message is displayed in the Driver Information Centre after switching on the ignition.

Vehicle messages ⇨ 78.

If the vehicle's battery is to be disconnected (e.g. for maintenance work), the alarm siren must be deactivated as follows: switch the ignition on then off, then disconnect the vehicle's battery within 15 seconds.

Immobiliser

The system is part of the ignition switch and checks whether the vehicle is allowed to be started with the key being used.

The immobiliser is activated automatically after the key is removed from the vehicle.

If control indicator flashes when the ignition is on, there is a fault in the system; the engine cannot be started. Switch off the ignition and repeat start attempt.

If control indicator continues flashing, attempt to start the engine using the spare key and seek the assistance of a Holden dealer.

Note

The immobiliser does not lock the doors. You should always lock the vehicle after leaving it and switch on the anti-theft alarm system ⇨ 18, ⇨ 24.

Control indicator ⇨ 71.

Exterior mirrors

Convex shape

The convex exterior mirror contains an aspherical area and reduces blind spots. The shape of the mirror makes objects appear smaller, which will affect the ability to estimate distances.

Electric adjustment

Select the relevant exterior mirror by switching the control to left mirror **(L)** or right mirror **(R)**. Then swivel the control to adjust the mirror.

In position ● no mirror is selected.

Folding mirrors

Electric folding

Switch control to ●, then push the control button ▽ down. Both exterior mirrors will fold.

Push the control down again - both exterior mirrors return to their original position.

If an electrically folded mirror is manually extended, pressing down the control will only electrically extend the other mirror.

Folding mirrors with remote control

Press 🔒 again after locking for one second to fold in mirrors.

Press 🔓 again after unlocking for one second to fold out mirrors.

Pressing for three seconds activates window operation. Power windows ⇨ 29.

If the mirrors were folded in using the control in the driver's door, they are not folded out by pressing 🔓.

This function can be activated or deactivated in the Vehicle personalisation.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The settings are automatically stored for the key being used ⇨ 18.

Heated mirrors

Operated by pressing ⌧.

The LED in the button indicates activation.

Heating works with the engine running and is switched off automatically after a short time.

Automatic dimming

Dazzling by following vehicles at night is automatically reduced by dimming both exterior mirrors.

Parking assist

For mirrors with position memory, the exterior mirror on the passenger side is automatically aimed at the rear tyres as a parking aid when reverse gear is selected, except during trailer operation.

Position memory ⇨ 33.

Activation or deactivation of this function can be changed in the menu **Settings** in the Info-Display. Vehicle personalisation ⇨ 80.

Interior mirrors

Automatic anti-dazzle

Dazzling by following vehicles at night is automatically reduced by dimming the interior mirror.

Windows

Windscreen

Heat-reflecting windscreen

The heat-reflecting windscreen has a coating which reflects solar radiation. Also data signals, e.g. from toll stations, might be reflected.

The marked areas on the windscreen are not covered with the coating. Devices for electronic data recording and fee payment must be attached in these areas. Otherwise data recording malfunctions may occur.

Windscreen stickers

Do not attach stickers such as toll road stickers or similar on the outside of the windscreen in the area of the interior mirror. Otherwise the detection zone of the sensor and the view area of the camera in the mirror housing could be restricted.

Power windows

⚠Warning

Take care when operating the power windows. Risk of injury, particularly to children.

If there are children on the rear seats, switch on the child safety system for the power windows.

Keep a close watch on the windows when closing them. Ensure that nothing becomes trapped in them as they move.

Power windows can be operated:

- with ignition on,
- within 10 minutes after switching ignition off.

Operate the switch for the respective window by pushing to open or pulling to close.

Pushing or pulling gently to the first detent: window moves up or down as long as the switch is operated.

Pushing or pulling firmly to the second detent and then releasing: window moves up or down automatically with

safety function enabled. To stop movement, operate the switch once more in the same direction.

Safety function

If the window glass encounters resistance above the middle of the window during automatic closing, it is immediately stopped and opened again.

Override safety function

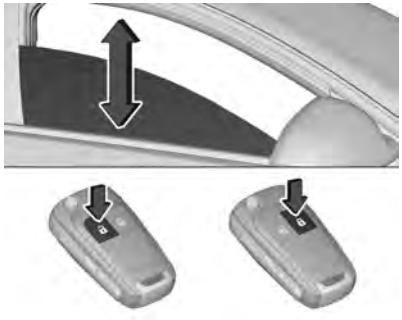
In the event of closing difficulties due to frost or the like, switch on the ignition, then pull the switch to the first detent and hold. The window moves up without safety function enabled. To stop movement, release the switch.

Child safety system for rear windows

Press to deactivate rear door power windows; the LED illuminates. To activate, press again.

Comfort operating with the remote control

The windows can be operated remotely from outside the vehicle.



Press again for three seconds after unlocking: all windows will be opened.

Press again for three seconds after locking: all windows will be closed.

Press any button to stop window movement.

Folding mirrors ⇨ 27.

Confirmation

Complete opening or closing of the windows is confirmed by the hazard warning flashers.

Overload

If the windows are repeatedly operated within short intervals, the window operation is disabled for some time.

Initialising the power windows

If the windows cannot be closed automatically (e.g. after disconnecting the vehicle battery), a warning message is displayed in the Driver Information Centre.

Vehicle messages ⇨ 78.

Activate the window electronics for each window as following:

1. Close doors.
2. Switch on ignition.
3. Pull switch to the second detent until the window starts to close and hold pulled for additional 4 seconds.
4. Push switch to the second detent until the window starts to open automatically.
5. Repeat for each window.

Heated rear window

Operated by pressing ⌧.

The LED in the button indicates activation.

Heating works with the engine running and is switched off automatically after a short time.

Sun visors

The sun visors can be folded down or swivelled to the side to prevent dazzling.

If the sun visors have integral mirrors, the mirror covers should be closed when driving.

Seats, restraints

Head restraints 32
Front seats 33
Rear seats 38
Seat belts 38
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Child restraints 45

Head restraints

Position

⚠Warning

Only drive with the head restraint set to the proper position.

The upper edge of the head restraint should be at upper head level. If this is not possible for extremely tall people, set to highest position, and set to lowest position for small people.

Adjustment

Head restraints on rear seats

Height adjustment

Pull the head restraint upwards and let engage. To move downwards, press the catch to release and push the head restraint downwards.

Front seats

Seat position

⚠Warning

Only drive with the seat correctly adjusted.

- Sit with buttocks as far back against the backrest as possible. Adjust the distance between the seat and the pedals so that legs are slightly angled when pressing the pedals. Slide the front passenger seat as far back as possible.
- Sit with shoulders as far back against the backrest as possible. Set the backrest rake so that it is possible to easily reach the steering wheel with arms slightly bent. Maintain contact between shoulders and the backrest when turning the steering wheel. Do not angle the backrest too far back. We recommend a maximum rake of approx. 25°.
- Adjust the steering wheel ⇨ 57.
- Set seat height high enough to have a clear field of vision on all sides and of all display instruments. There should be at least one hand of clearance between head and the roof frame. Your thighs should rest lightly on the seat without pressing into it.
- Adjust the height of the seat belt ⇨ 39.
- Adjust the thigh support so that there is a space approx. two fingers wide between the edge of the seat and the hollow of the knee.
- Adjust the lumbar support so that it supports the natural shape of the spine ⇨ 33.

Power seat adjustment

⚠Warning

Care must be taken when operating the power seats. There is a risk of injury, particularly for children. Objects could become trapped.

Keep a close watch on the seats when adjusting them. Vehicle passengers should be informed accordingly.

Seat positioning

Move front of switch forwards/ backwards.

Seat height

Move switch upwards/downwards.

Seat inclination

Move front of switch upwards/ downwards.

Seat backrests

Turn switch forwards/backwards.

Lumbar support

Adjust lumbar support using the four-way switch to suit personal requirements.

Moving support up and down: push switch up or down.

Increasing and decreasing support: push switch forwards or backwards.

Adjustable thigh support

Pull the lever and slide the thigh support.

Memory function for power seat adjustment and exterior mirrors

Two different driver's seat and exterior mirror settings can be stored.

Memorised settings ⇨ 18, Vehicle personalisation ⇨ 80.

Storing memory positions by buttons 1 and 2

- Adjust driver's seat and then adjust exterior mirrors to desired positions.
- Press and hold **MEM** and **1** at the same time until a beep sounds.
- Repeat the steps for a second driver using **2**.

Recall of memory positions

Press and hold **1** or **2** until the stored seat and exterior mirror positions have been reached. Releasing the button during seat movement cancels the recall.

Storing positions by remote control

Actual driver's seat and exterior mirror positions are automatically stored by the radio remote control key each time the ignition is switched off. These stored positions are independent of the memory positions stored by the buttons **1** or **2**, see above.

The stored positions are automatically recalled by unlocking and opening the driver's door with the memorised radio remote control key. If the door is already open, press on remote control to activate the recall.

To stop recall movement, press one of the memory-, power mirror- or power seat controls.

This function can be activated or deactivated in the Vehicle personalisation.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Easy exit function

For a convenient exit out of the vehicle, the power driver seat moves rearwards when vehicle is stationary. To activate, switch off ignition, remove key from the ignition switch and open the driver's door. If the door is already open, switch off ignition to activate the recall.

To stop recall movement, press one of the memory- or power seat controls.

This function can be activated or deactivated in the Vehicle personalisation.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Safety function

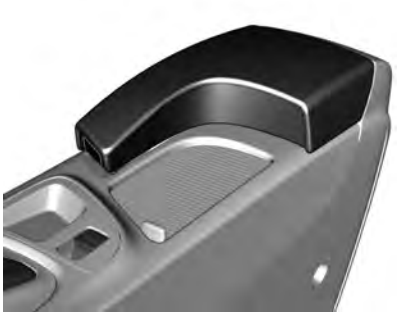
If the driver's seat encounters resistance during movement, the recall may stop. After removing the obstruction, press and hold the appropriate power seat position button for the memory item for two seconds. Try recalling the

memory position again. If the recall does not operate, consult a Holden dealer.

Overload
If the seat setting is electrically overloaded, the power supply is automatically cut-off for a short time.

Note
After an accident in which airbags have been deployed, the memorised settings for each position button will be deactivated.

Armrest



Push button and fold armrest upwards. Under the armrest there is a storage compartment.

Auxiliary devices ⇨ 131.

Heating

Adjust heating to the desired setting by pressing for the respective seat one or more times. The control indicator in the button indicates the setting.

Prolonged use of the highest setting for people with sensitive skin is not recommended.

Seat heating is operational when engine is running.

Rear seats

Armrest

Fold armrest down. The armrest contains cupholders and a storage box.

Seat belts

The seat belts are locked during heavy acceleration or deceleration of the vehicle holding the occupants in the sitting position. Thereby the risk of injury is considerably reduced.

⚠Warning

Fasten seat belt before each trip.

In the event of an accident, people not wearing seat belts endanger their fellow occupants and themselves.

⚠Warning

Seatbelts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Seatbelts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.

It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious.

Belts should not be worn with straps twisted.

Each belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.

No modifications or additions should be made by the user which will either prevent the seatbelt adjusting devices from operating to remove slack, or prevent the seatbelt assembly from being adjusted to remove slack.

Note
Make sure that the belts are not damaged by shoes or sharp-edged objects or trapped. Prevent dirt from getting into the belt retractors.

Seat belt reminder

Each seat is equipped with a seat belt reminder, indicated for front seats by control indicators and ², or for rear seats by the symbol in the Driver Information Centre ⇨ 67.

Belt force limiters

Stress on the body is reduced by the gradual release of the belt during a collision.

Belt pretensioners

In the event of a head-on or rear-end collision of a certain severity, the front seat belts are tightened.

⚠Warning

Incorrect handling (e.g. removal or fitting of belts) can trigger the belt pretensioners.

Deployment of the belt pretensioners is indicated by continuous illumination of control indicator ⇨ 68.

Triggered belt pretensioners must be replaced by a Holden dealer. Belt pretensioners can only be triggered once.

Note
Do not affix or install accessories or other objects that may interfere with the operation of the belt pretensioners. Do not make any modifications to belt pretensioner components as this will invalidate the vehicle type approval.

Three-point seat belt

Fastening

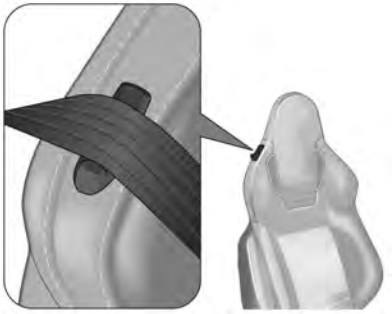
Withdraw the belt from the retractor, guide it untwisted across the body and insert the latch plate into the buckle. Tighten the lap belt regularly whilst driving by pulling the shoulder belt.

Loose or bulky clothing prevents the belt from fitting snugly. Do not place objects such as handbags or mobile phones between the belt and your body.

⚠Warning

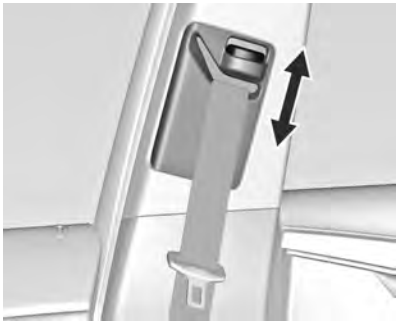
The belt must not rest against hard or fragile objects in the pockets of your clothing.

Seat belt reminder , ⇨ 67.



Feed seat belt through belt mount on backrest when fastening seat belt.

Height adjustment



1. Pull belt out slightly.
2. Shift the height adjustment upwards or press button to disengage and push the height adjustment downwards.

Adjust the height so that the belt lies across the shoulder. It must not lie across the throat or upper arm.

Do not adjust while driving.

Removing

To release belt, press red button on belt buckle.

Feed seat belt through belt mount on backrest after releasing.

Seat belts on the rear seats

The seat belt for the rear centre seat can only be withdrawn from the retractor if the backrest is engaged in the upright position.

Using the seat belt while pregnant

⚠Warning

The lap belt must be positioned as low as possible across the pelvis to prevent pressure on the abdomen.

Airbag system

The airbag system consists of a number of individual systems depending on the scope of equipment.

When triggered the airbags inflate within milliseconds. They also deflate so quickly that it is often unnoticeable during the collision.

⚠Warning

If handled improperly the airbag systems can be triggered in an explosive manner.

Note
The airbag systems and belt pretensioner control electronics are located in the centre console area. Do not put any magnetic objects in this area.

Do not affix any objects onto the airbag covers and do not cover them with other materials.

Each airbag is triggered only once. Have deployed airbags replaced by a Holden dealer. Furthermore, it may be necessary to have the steering wheel, the instrument panel, parts of the panelling, the door seals, handles and the seats replaced.

Do not make any modifications to the airbag system as this will invalidate the vehicle type approval.

When the airbags inflate, escaping hot gases may cause burns.

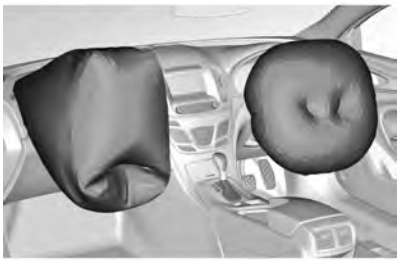
Control indicator for airbag systems ⇨ 68.

Front airbag system

The front airbag system consists of one airbag in the steering wheel and one in the instrument panel on the front passenger side. These can be identified by the word **AIRBAG**.

Additionally there is a warning label on the front passenger sun visor.

The front airbag system is triggered in the event of a front-end impact of a certain severity. The ignition must be switched on.



The inflated airbags cushion the impact, thereby reducing the risk of injury to the upper body and head of the front seat occupants considerably.

⚠Warning

Optimum protection is only provided when the seat is in the proper position.

Seat position ⇨ 33.

Keep the area in which the airbag inflates clear of obstructions.

Fit the seat belt correctly and engage securely. Only then is the airbag able to protect.

⚠Warning

EXTREME HAZARD!

Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!

The child could be seriously injured if the airbag inflates, as the child's head would be very close to the inflating airbag.

Side airbag system

The side airbag system consists of an airbag in each front seat backrest and in the rear outboard seat backrests. This can be identified by the word **AIRBAG**.

The side airbag system is triggered in the event of a side impact of a certain severity. The ignition must be switched on.

The inflated airbags cushion the impact, thereby reducing the risk of injury to the upper body and pelvis in the event of a side-on collision considerably.

⚠Warning

Keep the area in which the airbag inflates clear of obstructions.

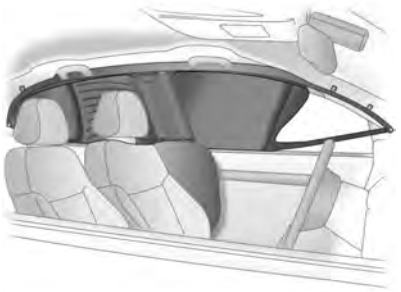
Note

Only use protective seat covers that have been approved for the vehicle. Be careful not to cover the airbags.

Curtain airbag system

The curtain airbag system consists of an airbag in the roof frame on each side. This can be identified by the word **AIRBAG** on the roof pillars.

The curtain airbag system is triggered in the event of a side-on impact of a certain severity. The ignition must be switched on.



The inflated airbags cushion the impact, thereby reducing the risk of injury to the head in the event of a side-on impact considerably.

⚠Warning

Keep the area in which the airbag inflates clear of obstructions.

The hooks on the handles in the roof frame are only suitable for hanging up light articles of clothing, without coat hangers. Do not keep any items in these clothes.

Child restraints

Child restraint systems

When a child restraint system is being used, pay attention to the following usage and installation instructions and also those supplied with the child restraint system.

There is a warning label on the front passenger sun visor.

⚠Warning

EXTREME HAZARD!

Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!

The child could be seriously injured if the airbag inflates, as the child's head would be very close to the inflating airbag.

⚠Warning

This manual provides you with general information concerning child restraints only. The driver is required by law to ensure that passengers are suitably restrained.

In most States and Territories of Australia and New Zealand, specific laws may exist which require children to be seated in approved child restraints and/or certain locations within the vehicle. Holden strongly recommends that you refer to your specific State or Territory regulations to determine which child restraint and seat location is suitable for your child.

Children should be restrained at all times when travelling in a vehicle.

Always ensure that the seat belt fits firmly around the child restraint, as applicable to the type of restraint used.

If a child cannot see out of the window, do not raise him/her by means of an ordinary cushion. It will not stay in place in a collision and the child can slip out of the straps and become entangled.

⚠Warning

It is safest for children to be seated in the rear seat.

Only child restraints that have clips to attach to the vehicle's anchorage fitting are to be used.

Earlier types of child restraints may not attach securely to this type of anchor.

Use only Standards Australia and New Zealand approved child restraints and harnesses. You should only purchase a child restraint which carries the appropriate Standards Australia sticker of approval.

Australian States and Territories and New Zealand have laws restricting the seating of children in the front passenger seat. In most jurisdictions, children under 4 years should not be seated in the front passenger seat. Check your local road safety regulations before seating a child in the front seat. Where legally allowable, you may install a forward-facing child restraint in the front seat, but always move the passenger seat as far back as it will go.

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.

Always follow the child restraint manufacturer's fitting instructions when installing a child restraint into the vehicle.

Selecting the right system

The rear seats are the safest location to fasten a child restraint system.

Your child should travel facing backwards in the vehicle, until as old as possible. It is appropriate to change the system when the child's head can no longer be properly supported at eye height. The child's cervical vertebrae are still very weak and in an accident they suffer less stress in the semi-prone rearward position than when sitting upright.

Never carry a child whilst travelling in the vehicle. The child will become too heavy to hold in the event of a collision.

When transporting children, use the child restraint systems suitable for the child's weight.

Ensure that the child restraint system to be installed is compatible with the vehicle type.

Ensure that the mounting location of the child restraint system within the vehicle is correct.

Only allow children to enter and exit the vehicle at the side facing away from the traffic.

When the child restraint system is not in use, secure the seat with a seat belt or remove it from the vehicle.

Note

Do not stick anything on the child restraint systems and do not cover them with any other materials.

A child restraint system which has been subjected to stress in an accident must be replaced.

Please ensure that infants and children are seated in the rear seats using child restraints.

Until the children can use seat belts, please select a child restraint suitable for its age and make sure the child wears it. Please see the instructions on the relevant products for child restraints.

Child restraint installation locations

Permissible options for fitting a child restraint system

Weight and age class	On front passenger seat	On rear outboard seats	On rear centre seat
Group 0: up to 10 kg or approx. 10 months	X	U[1]	U
Group 0+: up to 13 kg or approx. 2 years	X	U[1]	U
Group I: 9 to 18 kg or approx. 8 months to 4 years	X	U[1]	U
Group II: 15 to 25 kg or approx. 3 to 7 years	X	U[1]	U
Group III: 22 to 36 kg or approx. 6 to 12 years	X	U[1]	U

U = Universal suitability in conjunction with three-point seat belt.
X = No child restraint system permitted in this weight class.
1 = Seat available with ISOFIX and Top-Tether mounting brackets.

ISOFIX child restraint systems

Fasten vehicle-approved ISOFIX child restraint systems to the ISOFIX mounting brackets. Specific vehicle ISOFIX child restraint system positions are marked in the table ⇨ 48.

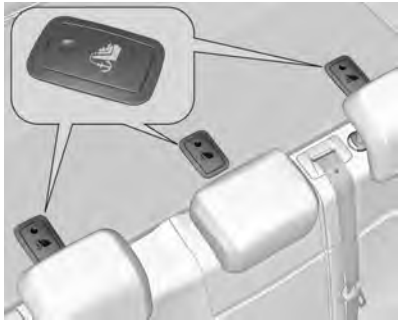
No more than two ISOFIX child restraint systems can be installed on the rear seats at the same time, though not right next to each other.

ISOFIX mounting brackets are indicated by a logo ISOFIX on the backrest.

Top-tether fastening eyes

The vehicle has three fastening eyes on the backside of the rear backrests or in the area behind the head restraints.

Top-Tether fastening eyes are marked with the symbol for a child seat.



Open the flap of the required fastening eye, marked by the child seat symbol.

In addition to the ISOFIX mounting, fasten the Top-Tether strap to the Top-Tether fastening eyes. The strap must run between the two guide rods of the head restraint.

ISOFIX child restraint systems of universal category positions are marked in the table ⇨ 48.

Storage

Storage compartments 50
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Loading information 55

Storage compartments

⚠Warning

Do not store heavy or sharp objects in the storage compartments. Otherwise, the storage compartment lid could open and vehicle occupants could be injured by objects being thrown around in the event of hard braking, a sudden change in direction or an accident.

Glovebox

The glovebox features a pen holder and a coin holder.

⚠Warning

To reduce the risk of injury in an accident or a sudden stop, always keep the glovebox door closed while driving.

Cupholders

Cupholders are located in the centre console.

Additional cupholders are located in the rear armrest. Fold down armrest.

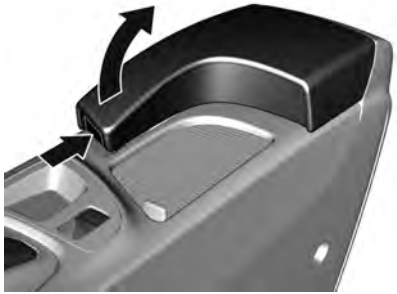
Front storage

A storage box is located behind a cover below the climate controls. Press cover to open.

Another storage compartment is located next to the steering wheel.

Armrest storage

Storage in the front armrest



Push button to fold up the armrest.

Storage in the rear armrest

Fold down armrest and open cover.

Close cover before folding the armrest up.

Load compartment

Folding down rear seat backrests

The rear seat backrest is divided into two parts. Both parts can be folded down.

Press and hold the catch, then push the head restraints down.

Fold up the rear armrest.

Put the seat belts of the outboard seats into the belt guides.

Pull the release lever on one or both sides and fold down the backrests onto the seat cushion.

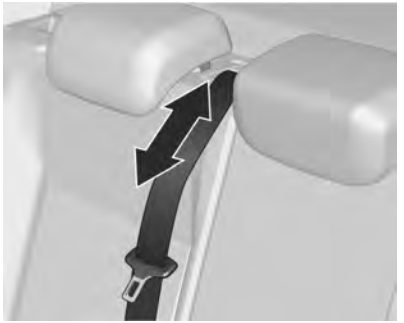
To fold up, raise backrests and guide them into an upright position until they engage audibly.

Ensure that the seat belts of the outboard seats are placed in the corresponding belt guides.

The backrests are properly engaged when both red marks on the side near the release lever are no longer visible.

⚠Warning

Only drive the vehicle when the backrests are securely locked into position. Otherwise there is a risk of personal injury or damage to the load or vehicle in the event of hard braking or a collision.



The seat belt of the centre seat could be blocked when the backrest is folded up too quickly. To unlock the retractor, push in the seat belt or pull it out by approx. 20 mm and then release.

Opening the pass-through in the rear centre backrest

Fold down rear armrest.

Pull grip and open the cover.

Suitable for loading long, narrow objects.

Ensure the cover engages after folding up.

The closed cover can be secured from inside the load compartment. Turn knob by 90°:

knob horizontal = cover secured from the passenger compartment side

knob vertical = cover not secured

Storage in the load compartment

Depending on the equipment, there are storage boxes under the load compartment cover.

Lashing eyes

The lashing eyes are designed to secure items against slippage, e.g. using lashing straps or luggage net.

Roof rack system

Roof rack

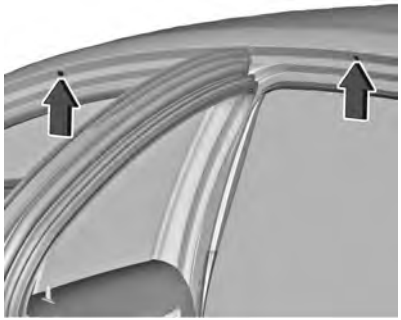
Follow the installation instructions and remove the roof rack when not in use.

⚠Warning

For safety reasons, and to avoid damaging the roof, use only the roof rack approved by Holden for your vehicle. The maximum allowable roof load (including the weight of the roof racks) is 100 kg.

Roof rack loads alter the handling of a vehicle due to a change in the centre of gravity.

Mounting roof rack



Open all doors.

Mounting points are located in each door frame of the vehicle body.

Detach the cover from each mounting point and fasten the roof rack with the attached screws.

Loading information

- Heavy objects in the load compartment should be placed against the seat backrests. Make sure that the backrests are securely engaged, i.e. no longer showing the red markings on the side near the release lever. If objects can be stacked, heavier objects should be placed at the bottom.
- Secure objects with lashing straps attached to lashing eyes ⇨ 54.

- Secure loose objects in the load compartment to prevent from sliding.
- When transporting objects in the load compartment, the backrests of the rear seats must not be angled forward.
- Do not allow the load to protrude above the upper edge of the backrests.
- Do not place any objects on the load compartment cover or the instrument panel, and do not cover the sensor on top of the instrument panel.
- The load must not obstruct the operation of the pedals, parking brake and gear selector, or hinder the freedom of movement of the driver. Do not place any unsecured objects in the interior.
- Do not drive with an open load compartment.

⚠Warning

Always make sure that the load in the vehicle is securely stowed. Otherwise objects can be thrown around inside the vehicle and cause personal injury or damage to the load or car.

- Optional equipment and accessories increase the kerb weight.
- Driving with a roof load increases the sensitivity of the vehicle to cross-winds and has a detrimental effect on vehicle handling due to the vehicle's higher centre of gravity. Distribute the load evenly and secure it properly with retaining straps. Adjust the tyre pressure and vehicle speed according to the load conditions. Check and retighten the straps frequently.

  The permissible roof load is 100 kg. The roof load is the combined weight of the roof rack and the load.

Instruments and controls

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Vehicle messages 78
Vehicle personalisation 80

Controls

Steering wheel adjustment

Unlock lever, adjust steering wheel, then engage lever and ensure it is fully locked.

Do not adjust steering wheel unless vehicle is stationary and steering wheel lock has been released.

Steering wheel controls

Driver Information Centre, some driver assistance systems, Infotainment system and a connected mobile phone can be operated via the controls on the steering wheel.

Driver Information Centre ⇨ 72.

Driver assistance systems ⇨ 192.

Infotainment system ⇨ 95.

Horn

Press .

Windscreen wiper/washer

Windscreen wiper

HI = fast
LO = slow
INT = automatic wiping with rain sensor
OFF = off

For a single wipe when the windscreen wiper is off, press the lever down to position **1x**.

Do not use if the windscreen is frozen.

Switch off in car washes.

Automatic wiping with rain sensor

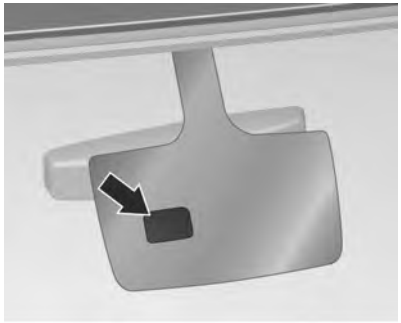
INT = automatic wiping with rain sensor

The rain sensor detects the amount of water on the windscreen and automatically regulates the frequency of the windscreen wiper.

Adjustable sensitivity of the rain sensor

Turn the adjuster wheel to adjust the sensitivity:

low sensitivity = turn adjuster wheel downwards
high sensitivity = turn adjuster wheel upwards



Keep the sensor free from dust, dirt and ice.

Rain sensor function can be activated or deactivated in the Vehicle personalisation.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Windscreen and headlight washer

Pull lever. Washer fluid is sprayed onto the windscreen and the wiper wipes a few times.

If the headlights are on, washer fluid is also sprayed onto the headlights, provided that the lever is pulled sufficiently long. Afterwards the headlight washer system is inoperable for 5 wash cycles or until engine or headlights have been switched off and on again.

Outside temperature

A drop in temperature is indicated immediately and a rise in temperature after a time delay.

If outside temperature drops to 3 °C, a warning message is displayed in the Driver Information Centre.

⚠Warning

The road surface may already be icy even though the display indicates a few degrees above 0 °C.

Clock

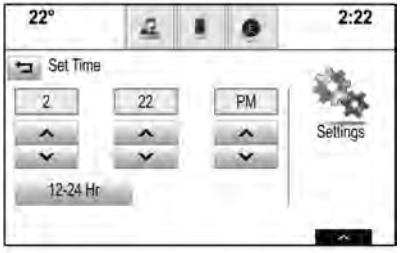
Date and time are shown in the Colour-Info-Display. Colour-Info-Display operation ⇨ 77

Press ⌂ and then select the **Settings** icon. Inputs can be done directly by the finger on the touch screen icons.

Select Time and Date menu page.

Set time

Select the Set Time menu item to enter the respective submenu.



Adjust hours and minutes using ∧∨ screen buttons.

Tap on the 12-24 Hr screen button on the right side of the screen to select a time mode.

If 12-hour mode is selected, a third column for AM and PM setting is displayed. Select the desired option.

Set date

Select the Set Date menu item to enter the respective submenu.

Adjust the date using the ∧ or ∨ screen buttons.

Return to homepage by pressing ⌂.

Time and Date settings ⇨ 121.

Power outlets

A 12 Volt power outlet is behind the storage cover below the climate controls. Press cover to open.

A further 12 Volt power outlet is located in the centre console.

A further 12 Volt power outlet is located in the rear centre console.

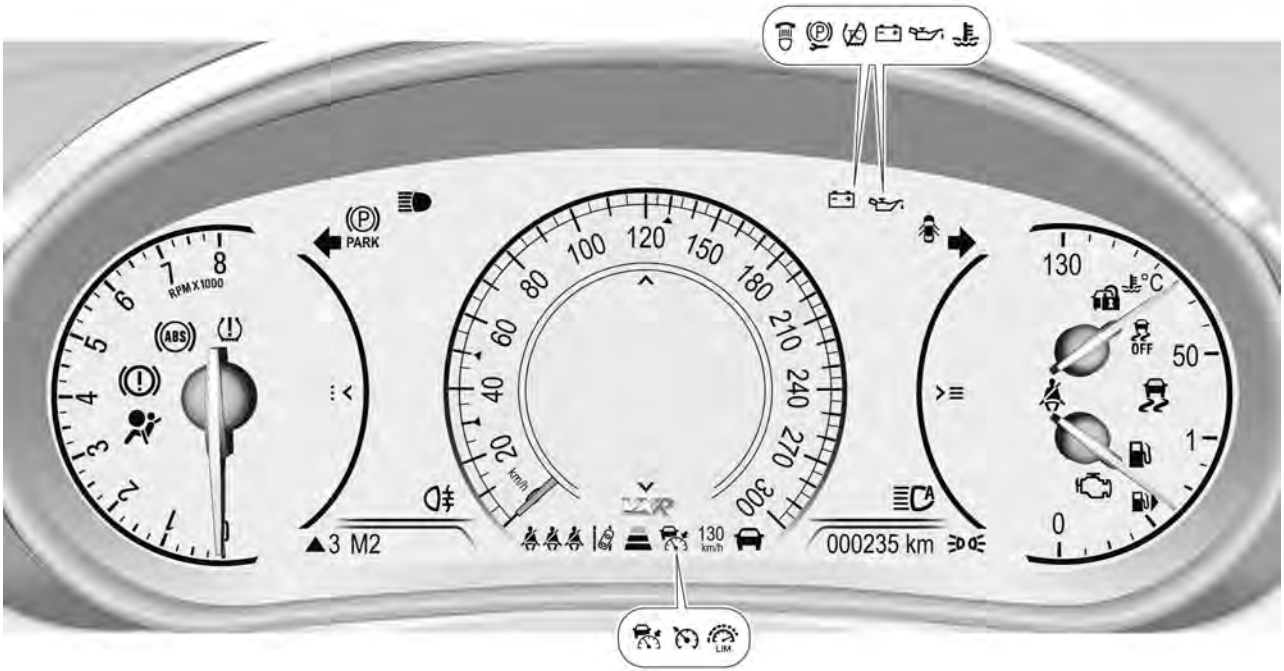
Do not exceed the maximum power consumption of 120 watts.

Warning lights, gauges and indicators

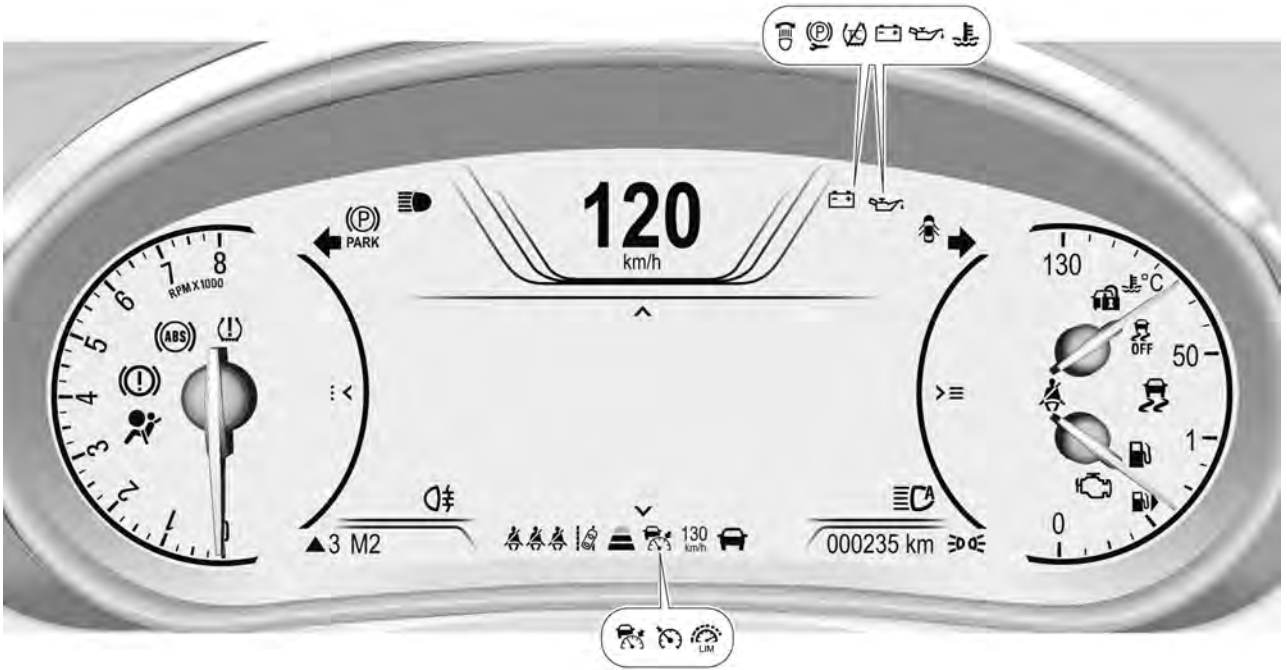
Instrument cluster

The instrument cluster can be displayed as Sport mode or Tour mode, Driver Information Centre ⇨ 72.

Sport mode



Tour mode


120
km/h
PARK
RPM X1000
ABS
130
°C
OFF
50
1
0
▲3 M2
130
km/h
000235 km
LIM

Speedometer

Sport mode

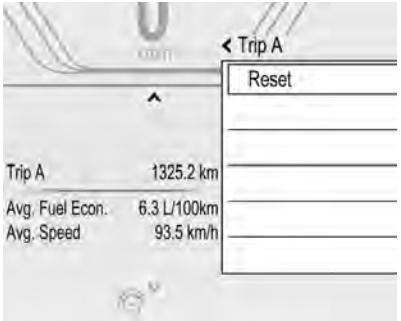
Tour mode

Indicates vehicle speed.

Odometer

The total recorded distance is displayed in km.

Trip odometer



The recorded distance since the last reset is displayed on the trip computer page. Two trip odometer are selectable for different trips.

Select page **Trip A** or **Trip B** in the **Info** page by pressing ∨ on the steering wheel.

Each trip odometer can be reset separately when ignition is on: select respective page, press >. Confirm by pressing ✔.

General

Trip odometer counts up to a distance of 2000 km and then restarts at 0.

Driver Information Centre ⇨ 72.

Tachometer

Displays the engine speed.

Drive in a low engine speed range for each gear as much as possible.

Caution
If the needle is in the red warning zone, the maximum permitted engine speed is exceeded. Engine at risk.

Fuel gauge

Displays the fuel level or gas level in the tank depending on the operation mode.

Control indicator ⛽ illuminates if the level in the tank is low. Refuel immediately if it flashes.

Never run the tank dry.

Because of the fuel remaining in the tank, the top-up quantity may be less than the specified tank capacity.

Engine coolant temperature gauge

Displays the coolant temperature.

50°	= engine operating temperature not yet reached
90° (central area)	= normal operating temperature
130°	= temperature too high

Caution
If engine coolant temperature is too high, stop vehicle, switch off engine. Danger to engine. Check coolant level.

Control indicators

When the ignition is switched on, most control indicators will illuminate briefly as a functionality test.

The control indicator colours mean:

red	= danger, important reminder
yellow	= warning, information, fault
green	= confirmation of activation
blue	= confirmation of activation
white	= confirmation of activation

See all control indicators on different instrument clusters ⇨ 62.

Turn signal

⇦⇨ illuminates or flashes green.

Illuminates briefly

The parking lights are switched on.

Flashes

A turn signal or the hazard warning flashers are activated.

Rapid flashing: failure of a turn signal light or associated fuse, failure of turn signal light on trailer.

Bulb replacement ⇨ 234, Fuses ⇨ 239.

Turn signals ⇨ 88.

Seat belt reminder

Seat belt reminder on front seats

for driver's seat illuminates or flashes red in the instrument cluster.

for front passenger seat illuminates or flashes red in the centre console, when seat is occupied.

Illuminates

After the ignition has been switched on until the seat belt has been fastened.

Flashes
After having started the engine for a maximum of 100 seconds until the seat belt has been fastened.

Seat belt status on rear seats

illuminates red or green or grey in the instrument cluster, after having started the engine.

Illuminates red
Seat occupied and the seat belt is unfastened.

Illuminates green
Seat occupied and the seat belt has been fastened.

Illuminates grey
Seat not occupied.

Fastening the seat belt ⇨ 39.

Airbag and belt tensioners

illuminates red.

When the ignition is switched on, the control indicator illuminates for approx. 4 seconds. If it does not illuminate, does not go out after 4 seconds or illuminates whilst driving, there is a fault in the airbag system. Seek the assistance of a Holden dealer. The airbags and belt pretensioners may fail to trigger in the event of an accident.

Deployment of the belt pretensioners or airbags is indicated by continuous illumination of .

⚠Warning

Have the cause of the fault remedied immediately by your Holden Dealer.

Belt pretensioners, airbag system ⇨ 38, ⇨ 42.

Charging system

illuminates red.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Stop, switch off engine. Vehicle battery is not charging. Engine cooling may be interrupted. The brake servo unit may cease to be effective. Seek the assistance of a Holden dealer.

Malfunction indicator light

illuminates or flashes yellow.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Fault in the emission control system. The permitted emission limits may be exceeded. Seek the assistance of a Holden dealer immediately.

Flashes when the engine is running

Fault that could lead to catalytic converter damage. Ease up on the accelerator until the flashing stops. Seek the assistance of a Holden dealer immediately.

Brake system

(!) illuminates red.

The brake fluid level is too low ⇨ 232.

⚠Warning

Stop. Do not continue your journey. Contact your Holden Dealer.

Illuminates after the ignition is switched on if the manual parking brake is applied ⇨ 188.

Operate pedal

The operate pedal message is indicated in the Driver Information Display ⇨ 78.

Electric parking brake

Ⓟ illuminates or flashes red.

Illuminates

Electric parking brake is applied ⇨ 188.

Flashes

Electric parking brake is not fully applied or released. Depress the brake pedal and attempt to reset the system by first releasing and then applying the electric parking brake. If Ⓟ remains flashing, do not drive and seek the assistance of a Holden dealer.

Electric parking brake fault

illuminates or flashes yellow.

Illuminates

Electric parking brake is operating with degraded performance ⇨ 188.

Flashes

Electric parking brake is in service mode. Stop vehicle, apply and release the electric parking brake to reset.

⚠Warning

Have the cause of the fault remedied immediately by your Holden Dealer.

Antilock brake system (ABS)

(ABS) illuminates yellow.

Illuminates for a few seconds after the ignition is switched on. The system is ready for operation when the control indicator extinguishes.

If the control indicator does not go out after a few seconds, or if it illuminates while driving, there is a fault in the ABS. The brake system remains operational but without ABS regulation.

Antilock brake system ⇨ 187.

Gear shifting

▲ with the number of the next higher gear is indicated, when upshifting is recommended in transmission manual mode.

Following distance

indicates the following distance setting of adaptive cruise control or the alert timing sensitivity of forward collision alert by filled distance bars.

Adaptive cruise control ⇨ 194.

Forward collision alert ⇨ 201.

Lane departure warning

illuminates green or flashes yellow.

Illuminates green

The system is switched on and ready to operate.

Flashes yellow

The system recognises an unintended lane change.

Electronic Stability Control off

illuminates yellow.

The system is deactivated.

Electronic Stability Control and Traction Control system

illuminates or flashes yellow.

Illuminates

A fault in the system is present. Continued driving is possible. Driving stability, however, may deteriorate depending on road surface conditions.

Have the cause of the fault remedied by a Holden dealer.

Flashes

The system is actively engaged. Engine output may be reduced and the vehicle may be braked automatically to a small degree.

Electronic Stability Control ⇨ 190, Traction Control system ⇨ 189.

Traction Control system off

illuminates yellow.

The system is deactivated.

Tyre pressure monitoring system

illuminates or flashes yellow.

Illuminates

Tyre pressure loss. Stop immediately and check tyre pressure.

Flashes

Fault in system or tyre without pressure sensor mounted (e.g. spare wheel). After 60-90 seconds the control indicator illuminates continuously. Consult a Holden dealer.

Engine oil pressure

illuminates red.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Caution
Engine lubrication may be interrupted. This may result in damage to the engine and/or locking of the drive wheels.

1. Set selector lever to **N**.
2. Move out of the flow of traffic as quickly as possible without impeding other vehicles.
3. Switch off ignition.

⚠Warning
When the engine is off, considerably more force is needed to brake and steer. During an Autostop the brake servo unit will still be operational. Do not remove key until vehicle is stationary, otherwise the steering wheel lock could engage unexpectedly.

Check oil level before seeking assistance of a Holden dealer ⇨ 229.

Low fuel

illuminates or flashes yellow.

Illuminates

Level in fuel tank is too low.

Flashes

Fuel used up. Refuel immediately. Never run the tank dry.

Catalytic converter ⇨ 181.

Immobiliser

flashes yellow.

Fault in the immobiliser system. The engine cannot be started.

Exterior light

illuminates green.

The exterior lights are on ⇨ 84.

High beam

illuminates blue.

Illuminated when high beam is on or during headlight flash ⇨ 85.

High beam assist

illuminates green.

The high beam assist is activated, see adaptive forward lighting ⇨ 85.

Adaptive forward lighting

illuminates or flashes yellow.

Illuminates

Fault in the system.

Seek the assistance of a Holden dealer.

Rear fog light

illuminates yellow.

The rear fog light is on ⇨ 88.

Adaptive cruise control

or illuminates white or green.

Illuminates white
The system is on.

Illuminates green
Adaptive cruise control is active. Set speed is indicated near or symbol.

Adaptive cruise control ⇨ 194.

Vehicle detected ahead

illuminates green or yellow.

Illuminates green
A vehicle ahead is detected in the same lane.

Illuminates yellow
The distance to a preceding moving vehicle gets too small or when approaching another vehicle too rapidly.

Forward collision alert ⇨ 201, Adaptive cruise control ⇨ 194.

Speed limiter

illuminates white or green.

Illuminates white
The system is on.

Illuminates green
Speed limiter is active. Set speed is indicated near symbol.

Speed limiter ⇨ 192.

Door open

illuminates red.

A door or the boot lid is open.

Information displays

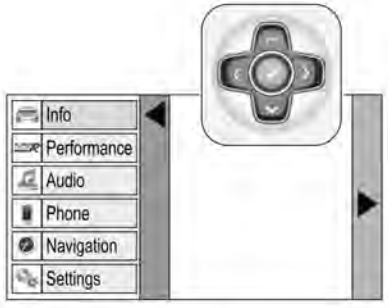
Driver Information Centre

The Driver Information Centre (DIC) is located in the instrument cluster.

DIC indicates:

- overall and trip odometer
- vehicle information
- trip/fuel information
- economic information
- performance information
- vehicle and warning messages
- audio and infotainment information
- phone information
- navigation information
- vehicle settings

Menu pages are indicated by pressing < on the steering wheel. Press ∧ or ∨ to select a menu, press ✔ to confirm. Selectable menu pages are:



- **Info Menu**
- **Performance Menu**
- **Audio Menu**
- **Phone Menu**
- **Navigation Menu**
- **Settings Menu**

Some of the displayed functions differ when the vehicle is being driven or at a standstill. Some functions are only available when the vehicle is being driven.

The instrument cluster can be displayed as Sport mode or Tour mode, see below: Settings Menu, Display Themes.

Vehicle personalisation ⇨ 80.
Memorised settings ⇨ 18.

Selecting menus and functions

The menus and functions can be selected via the buttons on the right side in the steering wheel.

Press 〈 to open main menu page.

Select a main menu page with ∧ or ∨.

Confirm a main menu page with ✔.

Once a main menu page is selected, press ∧ or ∨ to select subpages.

Press 〉 to open a next folder of the selected subpage.

Press ∧ or ∨ to select functions or to set a numeric value if required.

Press ✔ to select and confirm a function.

If the Driver Information Centre (DIC) requests the driver to confirm a function or message by pressing **SEL** (Select), confirm by pressing ✔.

Once a main menu page is selected, this selection remains stored until another main menu page is selected. This means once the Info Menu page is selected, you can change the subpages just by pressing ∨ or ∧.

Vehicle and service messages are popped up in the DIC if required. Confirm messages by pressing ✔. Vehicle messages ⇨ 78.

Info Menu

The following list contains all possible Info Menu pages. Some may not be available for your particular vehicle. Depending on the display some functions are symbolised.

Turn the adjuster wheel or press ∧ or ∨ to select a page:

- trip odometer A
  - average fuel consumption
  - average speed
- trip odometer B
  - average fuel consumption
  - average speed
- digital speed
- fuel range
- instantaneous fuel consumption
- tyre pressure
- timer
- following distance
- battery voltage
- top consumers
- economy trend
- blank page

Trip odometer A and B

Trip odometer displays the current distance since a certain reset.

Trip odometer counts up to a distance of 2000 km then restarts at 0.

To reset press > and confirm with ✔.

The information of trip odometer page A and B can be reset separately for odometer, average consumption and average speed while the respective display is active.

Average fuel consumption

Display of average consumption. The measurement can be reset at any time and starts with a default value.

To reset press > and confirm with ✔.

Average speed

Display of average speed. The measurement can be reset at any time.

To reset press > and confirm with ✔.

Digital speed

Digital display of the instantaneous speed.

Fuel range

Range is calculated from current fuel tank content and current consumption. The display shows average values.

After refuelling, the range is updated automatically after a brief delay.

When the fuel level in the tank is low, a message appears on the display and the control indicator ⛽ in the fuel gauge illuminates.

When the tank has to be refuelled immediately, a warning message appears and remains on the display. Additionally the control indicator ⛽ in the fuel gauge flashes ⇨ 71.

Instantaneous fuel consumption

Display of the instantaneous consumption.

Tyre pressure

Checks tyre pressure of all wheels during driving ⇨ 246.

Timer

To start and stop press ✔. To reset, press > and confirm Reset.

Following distance
Displays the distance in seconds to a preceding moving vehicle ⇨ 203. If Adaptive cruise control is active this page shows the following distance setting instead.

Battery voltage
Displays the vehicle battery voltage.

Top consumers
List of top comfort consumers currently switched on is displayed in descending order. Fuel saving potential is indicated. A switched-off consumer disappears from the list and the consumption value will be updated.

During sporadic driving conditions, the engine will activate the rear window defog automatically to increase the engine load. In this event, the rear window defog is indicated as one of the top consumers, without activation by the driver.

Economy trend
Displays the average consumption development over a distance of 50 km. Filled segments display the consumption in 5 km steps and shows the effect of topography or driving behaviour on fuel consumption.

Blank page
Shows a blank page without any information.

Performance Menu

The following list contains all possible Performance Menu pages. Some may not be available for your particular vehicle.

Press ∧ or ∨ to select a page:

- performance page
- g-force indication
- friction bubble
- acceleration and braking
- lap timer

Depending on the settings, "Oil temperature", "Oil pressure" or "Battery voltage" can also be displayed left or right of the speedometer.

Performance page
Indicates oil temperature in degrees Celsius.

Indicates the oil pressure in kPa.

Indicates the current absolute amount of the turbo boost being added.

G-force indication

Indicates the force of vehicle performance. The amount of positive/ negative longitudinal force and lateral force will be displayed. The g-force value unit will be calculated and displayed as a numerical value.

Friction bubble

A four quadrant visual display, indicative of the four corners of the car, with a “bubble” showing where the most inertia is being exerted on the vehicle.

Acceleration and braking

Displays the percentage amount of brake or accelerator pressure applied by the driver as a bar graph around the outer perimeter of the DIC area. The left side is for acceleration and the right side is for braking.

Lap timer

The lap timer function measures the time that has passed since the last time the user started or stopped the lap timer through ignition cycles.

Timer values are displayed from hours to tenths of a second. Start and stop the timer by pressing ✔ button.

Current and Previous lap times are displayed accurate to the tenth of a second. Gain or loss time is indicated in ss.s format.

Audio Menu

Audio menu enables browsing for music, selecting from favourites or changing the audio source.

Audio menus ⇨ 132.

Phone Menu

Phone menu enables managing and performing of phone calls, scrolling through contacts or operating handsfree phoning.

Phone ⇨ 159.

Navigation Menu

Navigation menu enables route guidance.

Usage ⇨ 135.

Settings Menu

The following list contains all possible Settings Menu pages. Depending on the display some functions are symbolised.

Turn the adjuster wheel or press ∧ or ∨ to select a page and follow the instructions given in the submenus:

- units
- display themes
- info pages
- speed warning
- tyre loading
- software information

Units

Press > while units is displayed. Select imperial or metric units by pressing ✔.

Display themes

Press > while display themes is displayed. Select Sport or Touring mode by pressing ✔. Sport mode includes more vehicle information, Tour mode includes more media information.

Info pages
Press > while Info pages is displayed. A list of all items in the Info Menu is displayed. Select the functions to be displayed in the Info page by pressing ✔. Selected pages have a ✔ in a checkbox. Non viewable functions have a blank checkbox. See **Info Menu** above.

Speed warning
The speed warning display allows you to set a speed that you do not want to exceed.

To set the speed warning, press > while the page is displayed. Press ∧ or ∨ to adjust the value. Press ✔ to set the speed. Once the speed is set, this feature can be turned off by pressing ✔ while viewing this page. If the selected speed limit is exceeded, a pop-up warning is displayed with a chime.

Tyre loading
The tyre loading display selects tyre pressure category according to the actually inflated tyre pressure. Press > while the page is displayed ⇨ 246.

Select:

- **Light** for comfort pressure up to 3 people
- **Eco** for Eco pressure up to 3 people
- **Max** for full loading

by pressing ✔.

Software information
Displays the open source software information.

Valet mode

Some functions of the Driver Information Centre and the Colour-Info-Display can be limited for some drivers.

Activation or deactivation of valet mode can be set in the menu **Settings** in the vehicle personalisation menu.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

System settings ⇨ 121.

Colour-Info-Display

The Colour-Info-Display is located in the instrument panel near the instrument cluster.

The Info display indicates:

- time ⇨ 60
- outside temperature ⇨ 60
- date ⇨ 60
- Infotainment system ⇨ 101
- navigation ⇨ 135
- system messages
- vehicle messages ⇨ 78
- settings for vehicle personalisation ⇨ 80

Selecting menus and settings

There are three options to operate the display:

- via buttons below the display
- directly with the finger on the touchscreen

Button operation

Press ⏻ to switch on the display.

Press ⌂ to display the homepage.

Turn **MENU** to select a menu display icon or a function.

Press **MENU** to confirm a selection.

Turn **MENU** to scroll a submenu list.

Press **MENU** to confirm a selection.

Press **BACK** to exit a menu without changing a setting.

Press ⌂ to return to the homepage.

Touchscreen operation

Display must be switched on by pressing ⏻ and homepage must be selected by pressing ⌂.

Tap required menu display icon or a function with the finger.

Scroll a longer submenu list with the finger up or down.

Confirm a required function or selection by tapping.

Tap ⮌ on the display to exit a menu without changing a setting.

Press ⌂ to return to the homepage.

Vehicle personalisation ⇨ 80.

Valet mode

Some functions of the Driver Information Centre and the Colour-Info-Display can be limited for some drivers.

Activation or deactivation of valet mode can be set in the menu **Settings**.

System settings ⇨ 121.

Vehicle messages

Messages are indicated in the Driver Information Centre (DIC), in some cases together with a warning and signal buzzer.

Press ✔ to confirm a message.

Vehicle and service messages

The vehicle messages are displayed as text. Follow the instructions given in the messages.

The system displays messages regarding the following topics:

- service messages
- fluid levels
- anti-theft alarm system
- brakes
- drive systems
- ride control systems
- driver assistance systems
- speed limiter
- adaptive cruise control
- forward collision alert
- collision imminent braking system
- parking assist system
- lighting, bulb replacement
- adaptive forward lighting
- wiper/washer system
- doors, windows
- side blind spot alert
- lane departure warning
- load compartment, boot lid
- radio remote control
- electronic key system
- keyless starting
- seat belts
- airbag systems
- engine and transmission
- tyre pressure
- vehicle battery status

Messages in the Colour-Info-Display

Some important messages may appear additionally in the Colour-Info-Display. Press the multifunction knob to confirm a message. Some messages only pop up for a few seconds.

Warning chimes

When starting the engine or whilst driving

Only one warning chime will sound at a time.

The warning chime regarding not fastened seat belts has priority over any other warning chime.

- If seat belt is not fastened.
- If a door or the boot lid is not fully closed when starting off.
- If a certain speed is exceeded with parking brake applied.
- If adaptive cruise control deactivates automatically.
- If approaching a vehicle ahead too closely.
- If a programmed speed or speed limit is exceeded.
- If a warning message appears in the Driver Information Centre.
- If the electronic key is not in the passenger compartment.
- If the parking assist detects an object.
- If an unintended lane change occurs.

When the vehicle is parked and/ or the driver's door is opened

- With exterior lights on.
- If the trailer hitch is not engaged.

Battery voltage

When the vehicle battery voltage is running low, a warning message will appear in the Driver Information Centre.

1. Switch off any electrical consumers which are not required for a safe ride, e.g. seat heating, heated rear window or other main consumers.
2. Charge the vehicle battery by driving continuously for a while or by using a charging device.

The warning message will disappear after the engine has been started twice without a voltage drop.

If the vehicle battery cannot be recharged, have the cause of the fault remedied by a Holden dealer.

Vehicle personalisation

The vehicle's behaviour can be personalised by changing the settings in the Colour-Info-Display.

Some of the personal settings for different drivers can be memorised individually for each vehicle key. Memorised settings ⇨ 18.

Depending on vehicle equipment some of the functions described below might not be available.

Some functions are only displayed or active when the engine is running.

Personal settings

Following the changing of personal settings is described via the buttons below the display. The 8" display is operable as a touchscreen. See description Colour-Info-Display ⇨ 77 and System settings ⇨ 121.

With active display, press ⌂.

Turn **MENU** to select **Settings** display icon.

Press **MENU** to confirm.

The following settings can be selected by turning and pressing the multifunction knob:

- **Time and Date**
- **Sport Mode**
- **Language (Language)**
- **Valet Mode**
- **Radio**
- **Vehicle**
- **Bluetooth**

- **Voice**
- **Display**
- **Rear Camera**
- **Return to Factory Settings**
- **Software Information**

In the corresponding submenus the following settings can be changed:

Time and Date
See Clock ⇨ 60.

Sport Mode
The driver can select the functions which will be activated in Sport mode ⇨ 191.

- **Engine Sport Performance**: Accelerator pedal and gear change characteristics become more responsive.
- **Sport Steering**: Steering support is reduced.
- **Sport Suspension**: Damping becomes harder.
- **All Wheel Drive**: Engine torque is distributed to a greater extent to the rear axle.

Language (Language)
Selection of the desired language ⇨ 135.

Valet Mode
System settings ⇨ 121.

Radio
⇨ 124.

Vehicle

- **Climate and Air Quality**

  Auto Fan Max Speed: Modifies the level of the cabin airflow of the climate control in automatic mode.

  Air Conditioning Mode: Controls the state of the cooling compressor when the vehicle is started. Last setting (recommended) or at vehicle start is either always ON or always OFF.

  Auto Demist: Supports windscreen dehumidification by automatically selecting the necessary settings and automatic air conditioning mode.

  Auto Rear Demist: Activates automatically the heated rear window.

- **Collision / Detection Systems**

  Park Assist: Activates or deactivates the ultrasonic parking assist.

  Auto Collision Preparation: Activates or deactivates the automatic brake functionality of the vehicle in the event of imminent collision danger. The following is selectable: the system will take over brake control, warn by chimes only or is deactivated completely.

  Go Notifier: Activates or deactivates the reminder function of the adaptive cruise control.

  Side Blind Zone Alert: Activates or deactivates side blind zone alert.

  Rear Cross Traffic Alert: Activates or deactivates rear cross traffic alert.

- **Comfort and Convenience**

  Chime Volume: Changes the volume of warning chimes.

Personalisation by Driver: Activates or deactivates the personalisation function.

Auto Memory Recall: Activates or deactivates the recall of memorised settings for power seat adjustment and exterior mirrors.

Easy Exit Driver Seat: Activates or deactivates easy exit function of the power seat.

Reverse Tilt Mirror: Activates or deactivates the parking assist function of the exterior mirror on the passenger side.

Auto Mirror Folding: Activates or deactivates folding of the exterior mirrors with the remote control.

Rainsense Wipers: Activates or deactivates automatic wiping with rain sensor.

- **Lighting**

  Exit Lighting: Activates or deactivates and changes the duration of exit lighting.

  Vehicle Locator Lights: Activates or deactivates the welcome lighting.

  Adaptive Forward Lighting: Activates or deactivates the functions of the adaptive forward lighting.

  Left or Right Hand Traffic: Changes between lighting for left or right hand traffic.

- **Power Door Locks**

  Unlocked Door Anti-Lockout: Activates or deactivates the automatic driver's door locking function when the door is open.

  Delayed Door Lock: Activates or deactivates the delayed door locking function.

  Auto Door Lock: Activates or deactivates the automatic door unlocking function after switching off ignition. Activates or deactivates the automatic door locking function after driving off.

- **Remote Lock, Unlock, Start**

  Remote Unlock Light Feedback: Activates or deactivates the hazard warning flasher feedback whilst unlocking.

  Remote Lock Feedback: Changes what kind of feedback is given when locking the vehicle.

  Remote Door Unlock: Changes the configuration to unlock only the driver's door or the whole vehicle whilst unlocking.

  Relock Remote Unlocked Doors: Activates or deactivates the automatic relock function after unlocking without opening the vehicle.

  Passive Door Lock: Activates or deactivates the passive locking function.

  Remote Left in Vehicle Alert: Activates or deactivates the warning tone when the electronic key remains in the vehicle.

Bluetooth
Buetooth connection ⇨ 156

Voice
Speech recognition ⇨ 151

Display
Display ⇨ 100.

Rear Camera

Guidance Lines: Activates or deactivates the guiding lines.

Rear Park Assist Symbols: Activates or deactivates the rear park assist symbols.

Return to Factory Settings

Restore Vehicle Settings: Resets all settings to the default settings.

Clear All Private Data: Deletes all private information from the vehicle.

Restore Radio Settings: Resets all radio settings to the default settings ⇨ 121.

Software Information

System settings ⇨ 121.

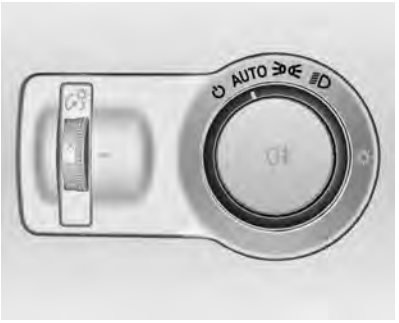
Lighting

Exterior lighting 84
Interior lighting 89
Lighting features 91

Exterior lighting

Light switch

Light switch with automatic light control



Turn light switch:

AUTO = automatic light control: exterior lighting is switched on and off automatically depending on external lighting conditions

⏻ = activation or deactivation of the automatic light control. Switch turns back to **AUTO**

≡D = parking lights

≡D = headlights and parking lights

The current status of the automatic light control is displayed in the Driver Information Centre.

When switching on the ignition, automatic light control is active.

Control indicator ≡D ⇨ 71.

Tail lights

Tail lights are illuminated together with low/high beam and sidelights.

Automatic light control

When the automatic light control function is switched on and the engine is running, the system switches between daytime running light and low/high beam automatically depending on the lighting conditions and information given by the rain sensor system.

Daytime running light ⇨ 85.

Automatic headlight activation

During poor lighting conditions headlights are switched on.

Furthermore headlights are switched on if the windscreen wipers have been activated for several wipes.

Tunnel detection

When a tunnel is entered headlights are switched on without delay.

Adaptive forward lighting ⇨ 85.

High beam

To switch from low to high beam, push lever.

To switch to low beam, push lever again or pull.

⚠Warning

Always switch the high beam headlamps to low beam when you approach oncoming vehicles or when other vehicles are ahead. High beam headlamps can temporarily blind other drivers, which could result in a collision.

Headlight flash

To activate the headlight flash, pull lever.

Daytime running lights

Daytime running light increases visibility of the vehicle during daylight.

They are switched on automatically when ignition is on.

If the vehicle is equipped with automatic light control function, the system switches between daytime running light and low/high beam automatically depending on the lighting conditions and information given by the rain sensor system. Automatic light control ⇨ 84.

Adaptive forward lighting

Light range, light distribution and intensity of light are variably triggered depending on the light conditions, weather and road type.

With the light switch in position **AUTO** all lighting functions are available.

The following functions are available also with light switch in position ≣D:

- dynamic curve lighting
- corner lighting
- reversing function
- dynamic automatic headlight levelling

⚠Warning

It is the responsibility of the driver to comply with local posted speed limits.

Playstreet lighting

Activated automatically at low speed up to approx. 30 km/h. The light beam is turned at an angle of 8° to the roadside.

Town lighting

Activated automatically at a speed range between approx. 40 and 55 km/h and when street lights are detected by the light sensor. The light range is reduced by an extended light distribution.

Country lighting

Activated automatically at a speed range between approx. 55 and 115 km/h. The beam of light and the brightness is different between the left and the right side.

Motorway lighting

Activated automatically at a speed above approx. 115 km/h and minimal steering movements. It switches on after a delay or immediately when the vehicle is powerfully accelerated. The light beam is longer and brighter.

Adverse weather lighting

Activated automatically up to a speed of approx. 70 km/h, when the rain sensor recognises condensation or the wiper operates continuously. The range, distribution and light intensity is regulated variably depending on visibility.

Dynamic curve lighting

The light beam pivots based on steering wheel angle and speed, improving lighting in curves.

Control indicator ⇩ ⇨ 71.

Corner lighting

On tight bends or when turning off, depending on the steering angle or the turn signal light, an additional left or right reflector is switched on which illuminates the road at a right angle to the direction of travel. It is activated up to a speed of 40 km/h.

Control indicator ⇧ ⇨ 71.

Reversing function

If the headlights are on and reverse gear is engaged, both corner lights are switched on. They remain illuminated for 20 seconds after disengaging reverse gear or until driving faster than 7 km/h in a forward gear.

High Beam Assist

This feature allows the high beam to function as the main driving light at night and when vehicle speed is faster than 40 km/h.

It switches automatically to low beam when:

- The camera in the windscreen detects the lights of oncoming or preceding vehicles.
- The vehicle speed is slower than 20 km/h.
- It is foggy or snowy.
- Driving in urban areas.

If there are no restrictions detected, the system switches back to high beam.

Activation

The high beam assist is activated by pushing the indicator lever twice with a speed above 40 km/h.

The green control indicator ≡D illuminates continuously when the assist is activated, the blue one ≡D illuminates when high beam is on.

Control indicator ≡D ⇨ 71.

Deactivation

Push indicator lever once. It is also deactivated when front fog lights are switched on.

If a headlight flash is activated when the high beam is on, the high beam assist will be deactivated.

If a headlight flash is activated when the high beam is off, the high beam assist will remain activated.

The latest setting of the high beam assist will remain after the ignition is switched on again.

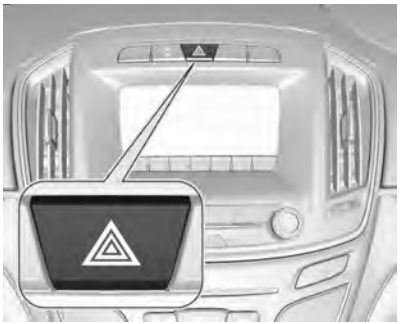
Dynamic automatic headlight levelling

To prevent oncoming traffic from dazzle, headlight levelling is automatically adjusted based on inclination information measured by front and rear axle, acceleration or deceleration and vehicle speed.

Fault in Adaptive forward lighting system

When the system detects a failure in the Adaptive forward lighting system, the system moves to a preset position to avoid dazzling of oncoming traffic. If this is not possible, the affected headlight will be automatically switched off. In any case, one headlight will stay on. A warning is displayed in the Driver Information Centre.

Hazard warning flashers



Operated by pressing ⚠.

In the event of an accident with airbag deployment the hazard warning flashers are activated automatically.

Turn and lane-change signals

lever up = right turn signal
lever down = left turn signal

If the lever is moved past the resistance point, the turn signal is switched on constantly. When the steering wheel moves back, the turn signal is automatically deactivated.

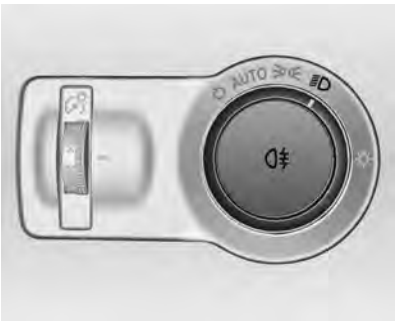
For three flashes, e.g. when changing lanes, press the lever until resistance is felt and then release.

With a trailer connected, turn signal flashes six times when pressing the lever until resistance is felt and then releasing.

Move the lever to the resistance point and hold for longer indication.

Switch the turn signal off manually by moving the lever to its original position.

Rear fog light



Operated by pressing ⧧.

Light switch in position **AUTO**: switching on rear fog light will switch headlights on automatically.

Light switch in position ≡D: rear fog light can be switched on.

The vehicle rear fog light is deactivated when towing.

Parking lights

When the vehicle is parked, the parking lights on one side can be activated:

1. Switch off ignition.
2. Move turn signal lever all the way up (right parking lights) or down (left parking lights).

Confirmed by a signal and the corresponding turn signal control indicator.

Reversing lights

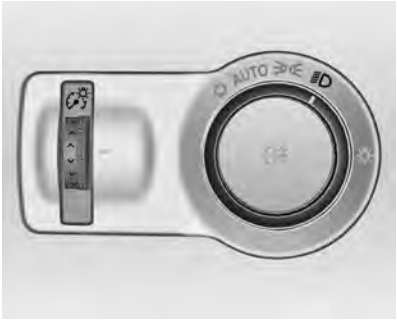
The reversing light comes on when the ignition is on and reverse gear is selected.

Misted light covers

The inside of the light housing may mist up briefly in poor, wet and cold weather conditions, in heavy rain or after washing. The mist disappears quickly by itself; to help, switch on the headlights.

Interior lighting

Instrument panel illumination control



Brightness of the following lights can be adjusted when the exterior lights are on:

- instrument panel illumination
- Info-Display
- dome light
- illuminated switches and operation elements

Turn thumb wheel and hold until the desired brightness is obtained.

On vehicles with light sensor, the brightness can only be adjusted when the exterior lights are on and the light sensor detects night conditions.

Interior lights

During entry and exit of the vehicle, the front and rear courtesy lights automatically switch on and then off after a delay.

Note
In the event of an accident with airbag deployment the courtesy lights are turned on automatically.

Front courtesy light

Operate rocker switch:

= automatic switching on and off
press = on
press = off

Rear courtesy lights

Illuminate in conjunction with the front courtesy light depending on rocker switch position.

Reading lights

Operated by pressing and in front and rear courtesy lights.

Sunvisor lights

Illuminates when the cover is opened.

Lighting features

Centre console lighting

Spotlight incorporated in the interior lighting comes on when headlights are switched on.

Entry lighting

Welcome lighting

Headlights, tail lights, number plate lights, instrument panel light and interior lights are switched on for a short time by unlocking the vehicle with the radio remote control. This function works only in the dark and facilitates locating the vehicle.

The lighting switches off immediately when the ignition is switched on. Starting off ⇨ 13.

This function can be activated or deactivated in the Vehicle personalisation.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The settings can be saved for the key being used ⇨ 18.

The following lights will additionally switch on when the driver's door is opened:

- all switches
- Driver Information Centre
- door pocket lights

Exit lighting

The following lights switch on if the key is removed from the ignition switch:

- interior lights
- instrument panel light

They will switch off automatically after a delay. This function works only in the dark. Theatre lighting is activated if the driver's door is opened during this time.

Path lighting

Headlights, tail lights and number plate lights illuminate the surrounding area for an adjustable time after leaving the vehicle.

Activating

1. Switch off the ignition.
2. Open the driver's door.
3. Pull the turn signal lever.
4. Close the driver's door.

If the driver's door is not closed the lights switch off after two minutes.

Exit lighting is switched off immediately if the turn signal lever is pulled while the driver's door is open.

This function can be activated or deactivated in the Vehicle personalisation.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The settings can be saved for the key being used ⇨ 18.

Battery discharge protection

Vehicle battery state of charge function

The function guarantees longest vehicle battery life via a generator with controllable power output and optimised power distribution.

To prevent discharge of the vehicle battery when driving, the following systems are reduced automatically in two stages and finally switched off:

- heated rear window and mirrors
- heated seats
- fan

In the second stage a message which confirms the activation of the vehicle battery discharge protection will be displayed in the Driver Information Centre.

Switching off electric lights

To prevent discharge of the vehicle battery when the ignition is switched off, some interior lights are switched off automatically after some time.

Infotainment system

Introduction

General information

The Infotainment system provides you with state-of-the-art in-car infotainment.

Using the FM, AM or DAB radio functions, you can register a great number of stations on various favourites pages.

You can even register music tracks, telephone numbers, destination addresses or tone settings on the favourites pages.

You can connect external data storage devices, e.g. iPod, USB devices, or other auxiliary devices to the Infotainment system as further audio sources; either via a cable or via Bluetooth.

The navigation system will reliably guide you to your destination.

In addition, the Infotainment system is equipped with a Phone portal that allows comfortable and safe use of your mobile phone in the vehicle.

Optionally, the Infotainment system can be operated using the instrument panel controls, controls on the steering wheel or via the speech recognition system.

The well-thought-out design of the control elements, the touch screen and the clear displays enable you to control the system easily and intuitively.

Note

This manual describes all options and features available for the various Infotainment systems. Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.

Important information on operation and traffic safety

⚠Warning

Drive safely at all times when using the Infotainment system.

If in doubt, stop the vehicle before operating the Infotainment system.

⚠Warning

The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The related traffic regulations must always be followed.

Only make entries (e.g. addresses) with the vehicle stationary.

If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

⚠Warning

In some areas one-way streets and other roads and entrances (e.g. pedestrian zones) that you are not allowed to turn into are not marked on the map. In such areas the Infotainment system may issue a warning that must be accepted. Here you must pay particular attention to one-way streets, roads and entrances that you are not allowed to drive into.

Radio reception

Radio reception may be disrupted by static, noise, distortion or loss of reception due to:

- changes in distance from the transmitter
- multi-path reception due to reflection
- shadowing

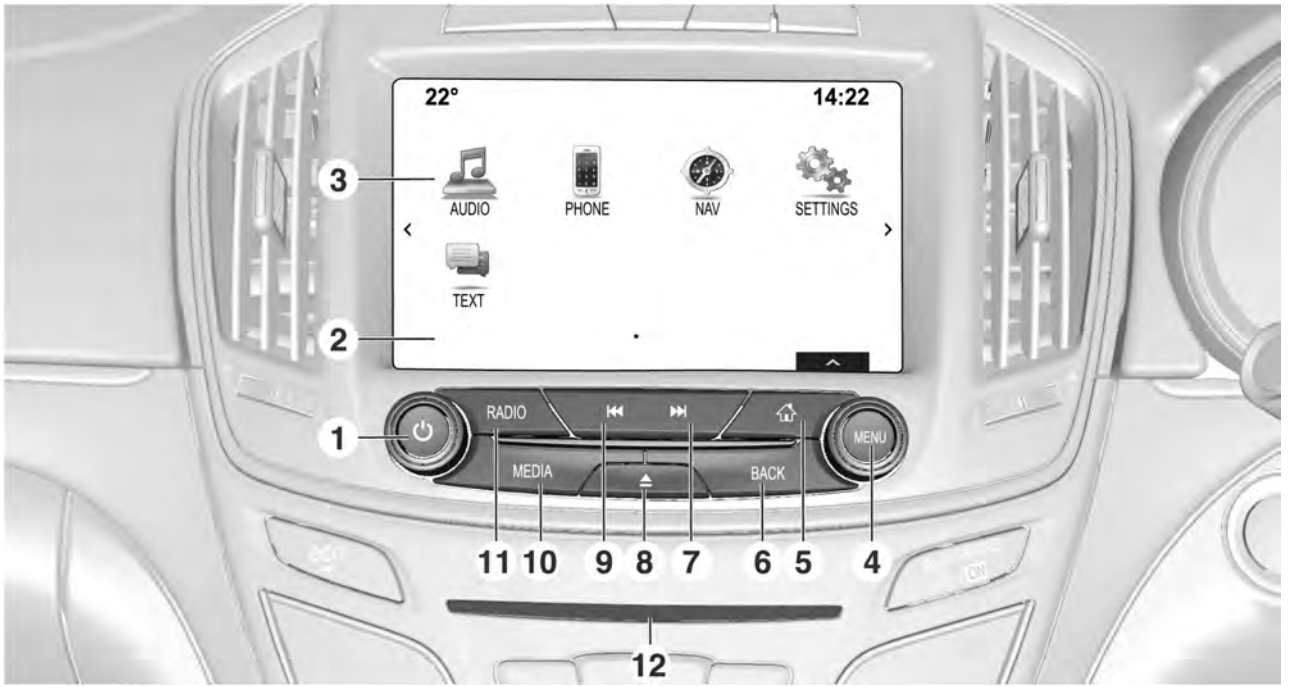
Theft-deterrent feature

The Infotainment system is equipped with an electronic security system for the purpose of theft deterrence.

The Infotainment system therefore functions only in your vehicle and is worthless to a thief.

Control elements overview

Centre display with controls



1 ⏻ 98

If switched off: short press: switch power on

If switched on: short press: mute system; long press: switch power off

Turn: adjust volume

2 Display/touch screen 100

3 Home screen (configurable) 104

4 MENU 101

Turn: mark screen buttons or menu items; set numeric values

Press: select/activate a marked screen button or menu item; confirm set value; switch to different setting option; open application-specific menu

5 ⌂ 101

Press: display Home screen

6 BACK 101

Press: return to previous screen/menu

7 ⏭

Radio: short press: skip to next station; long press: seek up 124

CD player / External devices: short press: skip to next track; long press: fast forward 129

8 ⏏

Press: eject disc 129

9 ⏮

Radio: short press: skip to previous station; long press: seek down 124

CD player / External devices: short press: skip to previous track; long press: fast rewind 129

10 MEDIA 98

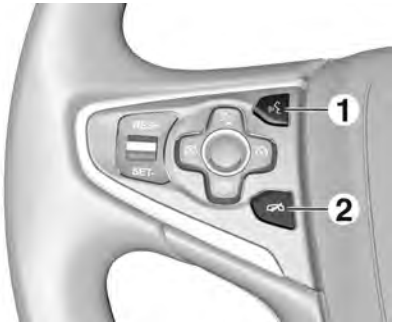
Press: activate CD player or external device

11 RADIO 124

Press: activate radio or change waveband

12 CD slot 129

Left-hand steering wheel control



1

Short press: take phone call 159

or activate speech recognition 151

or interrupt a prompt and speak directly 151

Long press: activate voice pass-thru (if supported by phone) 151

2

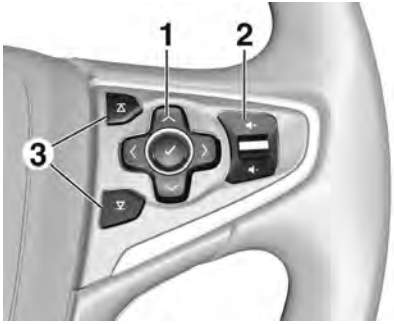
Press: end/decline call 159

or deactivate speech recognition 151

or activate/deactivate mute function 98

For a description of all other controls, see Owner's manual.

Right-hand steering wheel control



1 Five-way controller 101

Press buttons: operate menus in the Driver Information Centre (see images below)

〈 - display menu for application selection; return to next higher menu level

› - display application-specific main menu

⌄ / ⌃ - select menu item

✔ - confirm selection

2 🔊+ / 🔊− 98

Press upwards: increase volume

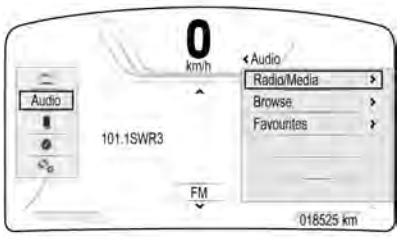
Press downwards: decrease volume

3 ⏮ / ⏭

Radio: press to select next / previous favourite 109

Media: press to select next / previous track 132

Driver Information Centre



The Driver Information Centre enables switching between two different display modes (themes), **Touring** and **Sport**.

The image above shows the **Touring** theme (for changing the display theme, see Owner's manual).

The menus in the Driver Information Centre are operated via the five-way controller on the right-hand side of the steering wheel.

The Driver Information Centre has three separate zones:

- Left zone - displays menu for application selection.
- Centre zone - displays Infotainment information and vehicle-specific information (see Owner's manual).
- Right zone - displays application-specific menus.

Usage

Switching Infotainment system on/off

Press ⏻ briefly. After switching on, the last selected Infotainment source becomes active.

Automatic switch-off

If the Infotainment system is switched on pressing ⏻ while the ignition is switched off, it switches off again automatically after 1 hour.

Setting the volume

Turn ⏻.

The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that the volume is lower than the maximum start-up volume ⇨ 120.

Auto volume

When Auto volume is activated ⇨ 120, the volume is adapted automatically to compensate for the road and wind noise while driving.

Mute

Briefly press ⏻ to mute the audio sources.

To cancel mute again: turn ⏻ or press it briefly.

Modes of operation

Radio

Repeatedly press **RADIO** to activate the radio mode or to change between the different wavebands.

Find a detailed description of the radio functions ⇨ 124.

CD player

Repeatedly press **MEDIA** to activate the CD player.

Find a detailed description of the CD player functions ⇨ 128.

External devices

Repeatedly press **MEDIA** to activate the playback mode for a connected external device (e.g. USB device, iPod or smartphone).

Find a detailed description on connecting and operating external devices ⇨ 131.

Navigation

Press ⌂ to display the Home screen.

Tap on the **NAV** icon to display the navigation map showing the area around the current location.

Find a detailed description of the navigation functions ⇨ 135.

Phone

Press ⌂ to display the Home screen.

Select the **PHONE** icon.

If a connection to a paired mobile phone can be established, the main menu of the phone mode is displayed.

Find a detailed description of mobile phone operation via the Infotainment system ⇨ 159.

If no connection can be established, a corresponding message is displayed. For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone ⇨ 157.

Basic operation

Displays

Infotainment and vehicle information are shown on two separate displays.

Centre display

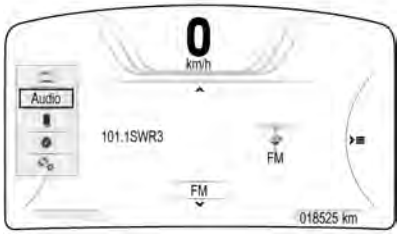
The centre display is located in the middle of the instrument panel. It serves as the main information and control centre of the Infotainment system.

Inputs can be made via buttons on the instrument panel or touch screen.

For detailed descriptions, see chapters "Control elements overview" ⇨ 95 and "Controls" ⇨ 101.

Driver Information Centre

Touring theme:



Sport theme:

The Driver Information Centre is part of the instrument cluster and shows Infotainment information as well as vehicle-specific information (see Owner's manual).

The Driver Information Centre serves as an additional information and control centre for a selection of important Infotainment functions.

Inputs are made via the five-way controller on the right-hand side of the steering wheel.

Find detailed descriptions in "Control elements overview" ⇨ 95 and "Controls" ⇨ 101.

Controls

Instrument panel

Find an overview of all instrument panel controls in "Control elements overview" ⇨ 95.

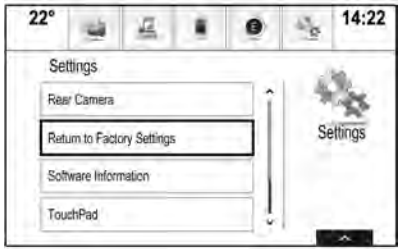
MENU knob

The **MENU** knob is one of the central control elements for the menus.

Turn:

- to select a screen button or menu item

- to scroll through a list of menu items



- to change a setting value

Note

The selected item is highlighted by a red box.

Press:

- to activate a selected screen button or menu item
- to confirm a changed settings value
- to switch to a different settings option
- to display the application-specific submenu

Note

In any but the **AUDIO** application, when being on a screen, where turning the **MENU** knob does not execute an application-related function, the **MENU** knob may be used to adjust the frequency (AM or FM waveband) or skip to the previous or next station (DAB waveband).

Home button

Press ⌂ on the instrument panel to access the Home screen.

BACK button

When operating the menus, press **BACK** to return to the next higher menu level.

Touch screen

The centre display has a touch-sensitive surface that allows direct interaction with the screen.

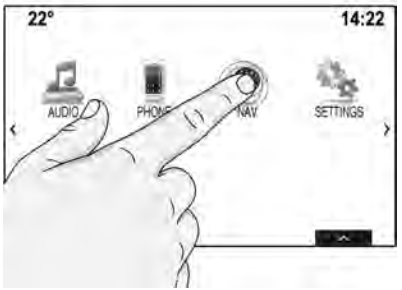
⮌ screen button

To return to the next higher menu level, select ⮌.

Exit screen button

To leave the menu currently active, select **Exit**.

Selecting or activating a screen button or menu item



Tap on a screen button or menu item.

The corresponding system function is activated, a message is shown, or a submenu with further options is displayed.

Note

In subsequent chapters the operating steps for selecting and activating a screen button or menu item via the touchscreen will be described as "...select <button name>/<item name>".

Moving items

Tap on and hold the element you wish to move until frame marks appear around the icons. Move your finger to the desired location and release the element.

Note

Constant pressure must be applied and the finger must be moved at constant speed.

All other items are rearranged.

Press one of the buttons on the instrument panel to exit edit mode.

Note

In subsequent chapters the operating steps for moving a screen element via the touch screen will be described as "...drag the...icon to..." or "...drag the...menu item to...".

Scrolling lists

If there are more items available than presentable on the screen, the list has to be scrolled.

To scroll through a list of menu items, you may optionally:

- Place your finger anywhere on the screen and move it upwards or downwards.

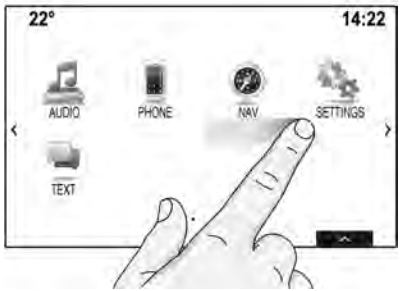
Note
Constant pressure must be applied and the finger must be moved at constant speed.

- Tap on ⌄ or ⌃ at the top and at the bottom of the scroll bar.
- Move the slider of the scroll bar with your finger up and down.
- In alphabetically ordered lists, tap on the respective letter in the vertical keyboard. The list jumps to the corresponding location within the list.

To return to the top of the list, tap on the list title.

Note
In subsequent chapters the operating steps for scrolling to a list item via the touch screen will be described as "...scroll to <item name>".

Scrolling pages



If the available items are organised on more than one page, e.g. on the Home screen, the pages have to be scrolled.

Note
Pages are only scrollable if there is more than one page set up.

To scroll from one page to another:

- Place your finger anywhere on the screen and move it left to scroll to the previous page or right to scroll to the next page.

Note
Constant pressure must be applied and the finger must be moved at constant speed.

- If available, tap on › or ‹ at the left and right side of the screen.

Note
In subsequent chapters the operating steps for scrolling pages via the touch screen will be described as "...scroll to...page...".

Steering wheel controls

Find an overview of all relevant steering wheel controls in "Control elements overview" ⇨ 95.

Five-way controller

The five-way controller is used to operate the menus in the Driver Information Centre.

The five-way controller consists of four directional buttons and a confirmation button (✔).

〈 (back) button
When operating the submenus in the Driver Information Centre, the 〈 button serves as back button.

Press 〈 to return to the next higher menu level.

Selecting an application
To display the menu for application selection, press 〈.

Repeatedly press ﹀ or ﹀ to select a menu item.

Press ✔ to confirm your selection. The respective application is activated.

Selecting an application-specific function
To display the main menu of the application currently active, press 〉.

Repeatedly press ﹀ or ﹀ to select a menu item.

Press ✔ to confirm your selection. A submenu with further options is displayed or the selected function is activated.

Note
If you are requested to confirm a function or message in the Driver Information Centre by pressing SEL (Select), press ✔.

Speech recognition system

Find a detailed description of the speech recognition system in "Speech recognition" ⇨ 151.

Menu operation

Home screen

The Home screen is shown on the centre display.

All applications installed may be accessed from the Home screen.

The Home screen comprises up to five pages with up to eight applications on each page.

Home button
Press ⌂ on the instrument panel to access the Home screen.

If you press ⌂ while already being on the Home screen, you are returned to the first page.

Activating an application

Select the respective application icon to launch the application and enter the application main menu.

The radio and media functions are selected via the respective buttons.

Note

The icons of unavailable applications are greyed out.

Scrolling pages

To scroll from one page to another:

- Place your finger anywhere on the screen and move it left to scroll to the previous page or right to scroll to the next page.
- Tap on < or > at the left and right side of the screen.

Find a detailed description ⇨ 101.

Note

At the bottom right of the screen, indication marks designate how many Home screen pages may be accessed and which page is currently displayed.

Personalising the Home screen

Entering edit mode

Tap and hold an application icon for a few seconds. The screen changes as you enter edit mode:

- Frame marks are displayed around all application icons indicating that they might be moved to a new position.
- The application tray (see below) is displayed.
- When scrolling, a blank home screen page appears in the right-most page position for a new page to be arranged.

Exiting edit mode

The system automatically exits edit mode after a few seconds of inactivity.

To exit edit mode immediately, press ⌂ on the instrument panel.

Moving icons

To enter edit mode, see "Entering edit mode" above.

Drag the icon you wish to move to its new position. Release the icon to drop it in the respective location.

Application tray

The application tray is located in the top centre of the screen and accessible from all main menus.

Three to five application icons may be stored in the application tray.

Some application icons dynamically adapt to the current situation, e.g. indicating that you missed a phone call.

Activating an application

Select the respective application icon to launch the application and enter the application main menu.

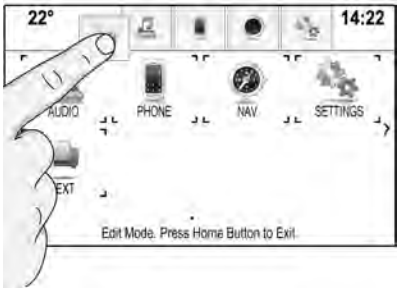
Note

The icons of unavailable applications are greyed out.

Personalising the application tray

Adding icons to the application tray

To enter edit mode, see "Entering edit mode" above.



Drag the icon of the desired application into the application tray. The Home screen icon changes to a small application tray icon.

Release the icon to drop it in the respective location.

If there are five icons in the application tray already and a new icon is added, one of the existing icons is replaced.

Drag the new icon to the position of the existing icon you wish to replace. The existing icon appears greyed out to indicate that it is removed.

Release the new icon to store it in the respective location.

Removing icons from the application tray

To enter edit mode, see "Entering edit mode" above.

Drag the respective application icon out of the application tray and release it anywhere on the screen. The application is removed from the application tray.

Interaction selector bar

The interaction selector bar is located at the bottom of the screen and accessible from all main menus.

Via the interaction selector bar, you may change the different views within one application or perform application-specific actions, e.g. start a speech recognition session.

Activating another tab

Select the respective screen button on the interaction selector bar to switch to another view or perform an action.

Note

If a function is currently not available in a menu, the respective icon on the interaction selector bar is greyed out.

Displaying the interaction selector bar

When interacting with the screen buttons in the main menu, the interaction selector bar is often minimised.

To display the interaction selector bar, select ∧ at the bottom of the screen.

Messages

In the case of a system event, before the execution of a system function, or due to an outside trigger, e.g. incoming phone call, you may be prompted with a message.

Select one of the available options.

If ignored, most of the messages are dismissed automatically after a certain period of time. Alerts that are not dismissed automatically remain on the screen until they are acknowledged or the trigger becomes invalid.

Keyboards

Keyboard

Letter keyboard:

Symbol keyboard:

Depending on the application or function currently active, the keyboard menu is displayed differently.

To switch to the symbol keyboard, select **Sym**.

To switch to the letter keyboard, select **ABC**.

Entering characters

To enter a character, tap on the respective screen button. The character is entered on release.

If you accidentally tapped on the wrong screen button, slide across the screen to the desired character and release.

Tap on and hold a letter screen button to display associated letters in a letter pop-up menu. Slide to the desired letter and release.

To confirm the input, select the respective confirmation button.

Autocomplete function

If a character sequence has been entered once, it is stored within the system and may be recalled by the autocomplete function.

As soon as one character (letter or digit) is entered, the autocomplete function becomes active. Every additional character entered is considered in the matching process, reducing the list of autocomplete matches.

Select ⌄ next to the characters entered to display a list of all autocomplete matches.

Note
Above the ⌄ screen button, the number of available options is displayed. It changes according to the number of matches found.

Select the respective list item. The keyboard is redisplayed with the respective list entry shown in the entry field.

Editing text

To place the cursor, tap at the respective position within the text. Enter your changes.

Depending on the application, select × to delete one entered character. Tap and hold × to delete all characters.

Select the respective confirmation screen button to confirm an input.

Mixed case characters

In most cases, only capital letters may be entered.

If mixed case character recognition is available, additional **Caps** and **Shift** screen buttons are displayed.

To activate the caps lock function and capitalise all letters, select **Caps**.

To deactivate the caps lock function, **Caps** has to be selected again.

To activate the shift function and capitalise just one letter, select **Shift**.

The function is automatically deactivated after one letter has been entered.

Keypad

If only a number or PIN code have to be entered, a keypad is displayed. Depending on the application or function currently active, the keypad menu is displayed differently.

For a detailed description of how to enter characters and change entered text, see above.

Favourites

A range of different information may be stored as favourites, e.g.:

- Radio stations
- Music tracks
- Albums or artists
- Telephone numbers
- Destinations and routes
- POIs
- Contact entries
- Tone settings
- Home screen applications

60 individual favourite locations are available, displayed as five favourites per row.

They can be displayed in a one-row view or in a three-row view.

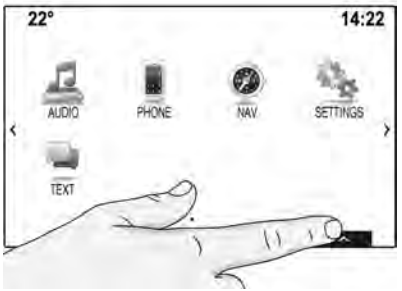
If a favourite location is occupied, the favourite screen button displays the label text of the respective favourite. If a favourite location is empty, the position number of the favourite location (1 to 60) is indicated.

Displaying favourites

The favourites list is accessible from all menus.

To display one row of favourites when the ⌃ screen button is shown at the bottom of the screen:

Select ⌃.



To display three rows of favourites, see below.

To display one row of favourites when an interaction selector bar is shown on the screen:

Place your finger on the interaction selector bar and move it upwards until one row of favourites becomes visible.

Note
Constant pressure must be applied and the finger must be moved at constant speed.

To display three rows of favourites, use one or respectively three fingers and drag the favourites list up further.

Scrolling through favourites pages

The favourites page is visible in the one row or the three row view. To scroll through the favourites pages, place your finger anywhere on the favourites page and move it left or right. The next or previous page of favourites is displayed.

Note
Constant pressure must be applied and the finger must be moved at constant speed.

When reaching the beginning or the end of the favourites pages, the whole list is wrapped.

Note
At the bottom of the screen, indication marks designate how many favourites pages may be accessed and which page is currently displayed. The number of indication marks adapts to the view chosen (more pages in one-row view, less pages in three-row view).

Storing favourites

Favourites may be stored from the Home screen, the audio application, the navigation application or the phone application.

There are two different basic situations:

- only one storable item on the screen
- more than one storable item on the screen

Reveal the favourites list and scroll to the respective favourites page.

Tap and hold the respective favourite screen button.

If there is only one storable item on the screen, a beeping sound is given out and the station is stored to the respective screen button.

If there is more than one storable item on the screen, the favourites page is minimised and the previously shown menu is redisplayed. Select the item you wish to store as a favourite. A beeping sound is given out and the station is stored to the respective screen button.

A few examples for storing favourites are given below.

Example: Radio station

Repeatedly press **RADIO** to activate the radio function and the desired waveband.

Seek for the station you wish to store as a favourite ⇨ 124.

To store this station as a favourite, reveal the favourites list and scroll to the respective favourites page.

Tap and hold the respective favourite screen button until a beep sounds. The station is stored as a favourite.

Example: Album

Repeatedly press **MEDIA** and select the desired audio source.

Select **BROWSE** to activate the browse menu and then select **ALBUMS** ⇨ 132.

To store one of the albums as a favourite, reveal the favourites list and scroll to the respective favourites page.

Tap and hold the respective favourite screen button. The favourites page is minimised and the list of albums is redisplayed.

Select the album you wish to store as a favourite. The selected album is stored as a favourite.

Example: Destination

Press the ⌂ button to display the Home screen and then select the **NAV** icon.

Select **DESTINATION** in the interaction selector bar and then select **RECENT** ⇨ 142.

To store one of the addresses in the recent destinations list as a favourite, reveal the favourites list and scroll to the respective favourites page.

Tap and hold the respective favourite screen button. The favourites page is minimised and the recent destinations menu is redisplayed.

Select the address you wish to store as a favourite. The selected address is stored as a favourite.

Example: Telephone number
Press ⌂ to display the Home screen and then select the **PHONE** icon.

Select **KEYPAD** and enter the number you wish to call ⇨ 159.

To store this number as a favourite, reveal the favourites list and scroll to the respective favourites page.

Tap and hold the respective favourite screen button. The number is stored as a favourite.

Retrieving favourites

Display a favourites page (see above) and scroll to the respective favourites page (if necessary).

Note
Unavailable favourites are greyed out.

Select the desired favourite screen button. Depending on the kind of favourite selected, a radio station or track is played, a phone call is initiated, a route is calculated or an application is started.

Note
The active favourite is highlighted.

Using the right-hand steering wheel remote control
Repeatedly press ⧖ or ⧗ to select the desired audio favourite.

Alternatively, using the five-way controller: Press 〈 to display the cluster menu for application selection. Select **Audio** and then **Favourites**. Select the desired favourite.

Editing favourites

Select the **SETTINGS** icon on the Home screen, **Radio** and then **Manage Favourites**. A three-row view of the favourites list is displayed with the editing options shown in the interaction selector bar.

Renaming favourites
If necessary, scroll to the respective favourites page.

Select the favourite you wish to edit.

Select **RENAME**.

A keyboard opens up with the current favourite label text displayed in the entry field as well as in the label preview area.

Enter the new label text and select **Label**. You are returned to the favourites page.

Select ⌃ at the bottom of the screen to reveal the interaction selector bar and then select **DONE** to return to the settings menu.

Deleting favourites

If necessary, scroll to the respective favourites page.

Select the favourite you wish to delete.

Select **DELETE**. The favourite and all associated data are deleted.

Select **DONE** to return to the settings menu.

Moving favourites

If necessary, scroll to the respective favourites page.

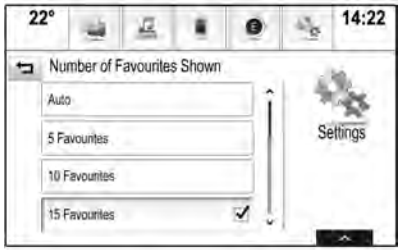
Drag the favourite you wish to move to its new position.

To store a favourite in a location beyond the favourites page currently visible, drag it to the < or > symbols on top of the favourites page. The list starts scrolling. To stop scrolling, navigate back to the favourites page area.

Select **DONE** to confirm the action and return to the settings menu.

Defining the number of favourites shown

Press ⌂ and then select the **SETTINGS** icon. Select **Radio** and then **Number of Favourites Shown**.



Activate the desired number of favourites to be displayed.

Note
If the number of favourites stored exceeds the number of favourites activated in the settings menu, the additionally stored favourites are not deleted but just hidden from the view. They may be reactivated by increasing the number of viewable favourites.

Contacts

Two different types of contacts lists may be accessed from the Infotainment system:

- contacts lists downloaded from Bluetooth devices or other external sources
- vehicle contacts list

Note
A maximum of 1000 contacts may be stored in the vehicle contacts list. There is no limit for downloaded contacts lists.

Selecting the contacts source

The contacts list first displayed upon access differs depending on the application currently active and the devices connected.

Changing the source

Select **Change Contacts List** on the right side of the screen. A list of all available contact sources is displayed. The currently active contacts list is marked with ✔.

Select the desired contacts list. The respective list is displayed.

Note

The system remembers a list chosen within an application. When reentering the contacts list from this application, the list previously selected is redisplayed.

Deleting the vehicle contacts

Select **Change Contacts List** on the right side of the screen. A list of all available contacts sources is displayed. The currently active contacts list is marked with ✔.

Select the – screen button next to **Vehicle**. A confirmation message is displayed.

Confirm the message to delete the list.

Sorting the contacts lists

By default, the lists are ordered alphabetically by first name. If there is no first name available, the last name is taken instead. If there is no first or last name, one of the first characters entered is used as sorting criteria.

The sorting order may be changed, if first name and last name are stored in two different fields.

To change the sorting order, select **Sort**.

Choose the desired sorting order. The list is resorted accordingly.

Using the contacts list

To display the contacts list, select **CONTACTS** in the respective application.

Navigation application:

Phone application:

To display the contact details view, select one of the entries from the active contacts list.

The contact details view may comprise:

- first name and last name
- several phone numbers
- several email addresses
- several addresses (e.g. home and work)
- in the vehicle contacts list: category entry
- in the vehicle contacts list: notes field
- for POI entries: information on business hours, menu (e.g. restaurant), prices etc.

Note

The data are ordered depending on the application active, e.g. in the phone application, the phone numbers are displayed first.

Starting navigation

To start route guidance to a destination, select one of the addresses stored for the contact chosen or the quick function icon next to the respective contact in the contacts list. The destination details view is displayed ⇨ 135.

Initiating a phone call

To initiate a phone call, select one of the phone numbers stored for the contact or the quick function icon next to the respective contact in the contacts list. The outgoing call menu is displayed ⇨ 156.

Adding new contacts

To add information from the application menus to the vehicle contacts list, open the respective application.

Navigation application

Select or enter a destination ⇨ 142. The destination details view is displayed.

Select **Save**. A menu is displayed.

Phone application

Select **RECENT**. Select + beside the phone number you wish to add to the contacts list. A menu is displayed.

Select one of the options.

Create New Contact
A data category selection menu is displayed.

Select the respective data category for the information you wish to store, e.g. work address or mobile phone. The contact details view is displayed.

Note
The data categories presented in the new menu correspond to the information you wish to store, e.g. if the information to be stored is an address, only address types are presented in the list.

Complete the entry and select **Save** to save the contact.

Add to Existing Contact
The vehicle contacts list is displayed. Select the desired contact.

The contact details view is displayed with the information to be added shown separately on the right side of the screen.

Select the respective data category for the information you wish to store, e.g. work address or mobile phone.

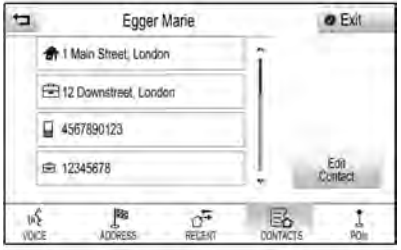
If you choose an existing data category, the existing information is overwritten.

Select **Save** to save the new information.

Editing contacts

To modify a contact, select the desired contact entry in the vehicle contacts list.

Tap on **Edit Contact** on the right side of the screen.



The editing view is displayed.

Modifying information
Select the field you wish to modify. Depending on the field selected, the keyboard or keypad is displayed.

Enter your changes ⇨ 107.

Select **Save** in the contact details view to save your changes.

Adding new information
Select the field where you wish to enter additional information.

If you wish to create a new field for a data category already existing, e.g. a second mobile phone number, select + in the respective data field.

Note
The + screen button is only displayed if it is possible to add more information for that data category.

Depending on the field selected, the keyboard or keypad is displayed ⇨ 107.

Enter the new data and select the screen button in front of the entry field.

Select **Save** in the contact details view to save your changes.

Deleting the contact

To delete the contact entry and all associated information, select **Delete**. A confirmation message is displayed.

Confirm the message. The entry is deleted.

Touch operation overview

The table below contains a summary of all movements (gestures) on the touch screen that you have to make with one, two or three fingers to trigger specific actions in the menus.

Menu	Action	Touch screen
All menus	Select/activate element	1 finger, tap on the element once
	Scrolling lists	1 finger, move up or down
		1 finger, move slider on scroll bar
		1 finger, repeatedly tap or tap and hold the ∧ or ∨ buttons at the top or bottom of the scroll bar
	Scrolling text	1 finger, move up or down
Favourites	Lifting/lowering rows of favourites	1 finger, tap onto selector bar and drag it up or down
	Moving to previous/next page of favourites	1 finger, move left or right
	Storing favourites	1 finger, tap and hold favourites button
Radio menu	Sending current audio information to Driver Information Centre	1 finger, move in the direction of the Driver Information Centre
Media menu	Sending current audio information to the Driver Information Centre	1 finger, move in the direction of the Driver Information Centre

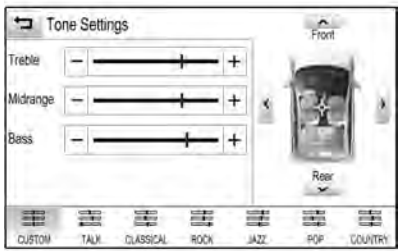
Menu	Action	Touch screen
Navigation menu	Sending current audio information to the Driver Information Centre	1 finger, move in the direction of the Driver Information Centre
	Panning map	1 finger, move across the screen
	Centring map	1 finger, tap on a location on the map you wish it to centre around
	Zoom in on the map	+ screen button
	Zoom out on the map	− screen button
Phone menu	Sending current audio information to the Driver Information Centre	1 finger, move in the direction of the Driver Information Centre
Character recognition function	Draw character	1 finger, move across the screen

Tone settings

In the tone settings menu, the tone characteristics can be set. If adjusted in one main menu, they are globally set within all source modes. The menu may be accessed from each individual audio main menu.

Note
A customised set of tone settings may be stored as a favourite. Find a detailed description ⇨ 109.

To open the tone settings menu, select **MENU** in the respective audio main menu. Select **Tone Settings**.



Treble

Use this setting to enhance or attenuate the high frequencies of the audio sources.

Adjust the setting tapping on − or +.

Midrange

Use this setting to enhance or attenuate the midrange frequencies of the audio source.

Adjust the settings tapping on − or +.

Bass

Use this setting to enhance or attenuate the deep frequencies of the audio sources.

Adjust the settings tapping on − or +.

Balance and fader

In the illustration at the right side of the menu, define the point within the passenger compartment which is to have the best sound.

To adjust the settings, tap on ∧, ∨, < and >.

To quickly change between the front and rear speakers, select **Front** or **Rear** at the top and bottom of the vehicle diagram.

Volume settings

Maximum startup volume

Press ⌂ and then select the **SETTINGS** icon on the Home screen.

Scroll through the list and select **Radio** and then **Maximum Start-Up Volume**.

Tap on − or + to set the desired volume.

Automatic volume adjustment

The volume may be adjusted automatically relative to the speed of the vehicle.

Auto Volume

Press ⌂ and then select the **SETTINGS** icon.

Scroll through the list and select **Radio** and then **Auto Volume**.

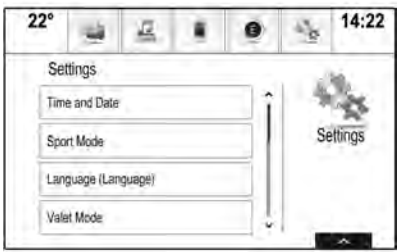
To adjust the degree of volume adaptation, set **Auto Volume** to one of the available options.

Off: no enhancement of volume with increasing vehicle speed.

High: maximum enhancement of volume with increasing vehicle speed.

System settings

Various settings and adaptions for the Infotainment system can be made via the **SETTINGS** application.



Time and Date

Press ⌂ and then select the **SETTINGS** icon.

Select **Time and Date**.

Set time

Select **Set Time** to enter the respective submenu.

Adjust hours and minutes tapping on ∧ or ∨.

Tap on **12-24 Hr** on the right side of the screen to select a time mode.

If 12-hour mode is selected, a third column for AM and PM setting is displayed. Select the desired option.

Set date

Select **Set Date** to enter the respective submenu.

Note
If date information is automatically provided, this menu item is not available.

Adjust the date tapping on ∧ or ∨.

Clock display

Select **Clock Display** to enter the respective submenu.

To turn off the digital clock display in the menus, select **Off**.

Language

Press ⌂ and then select the **SETTINGS** icon.

Scroll through the list and select **Language**.

Note
The language currently active is marked with ✔.

Scroll through the list and select the desired language.

Valet mode

If valet mode is activated, all vehicle displays are locked and no changes may be performed within the system.

Note

Vehicle-related messages and the rear backup camera remain enabled.

Locking the system

Press ⌂ and then select the **SETTINGS** icon.

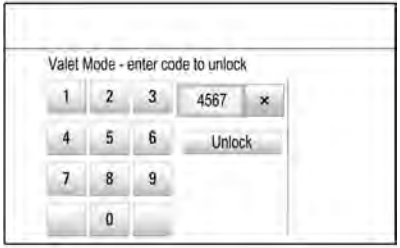
Scroll through the list and select **Valet Mode**. A keypad is displayed.

Enter a four-digit code and select **Enter**. The keypad is redisplayed.

To confirm the first input, reenter the four-digit code and select **Lock**. The system is locked.

Unlocking the system

Turn the Infotainment system on. A keypad is displayed.



Enter the respective four-digit code and select **Unlock**. The system is unlocked.

Forgotten PIN Code

To reset the PIN code to the default setting, contact your Holden dealer.

Display

Press ⌂ and then select the **SETTINGS** icon.

Scroll through the list and select **Display**.

Mode

Select **Mode** to enter the respective submenu.

Depending on the external lighting conditions, select **Day** or **Night**.

If you select **Auto**, the system automatically adjusts the display.

Calibrate Touchscreen
Select **Calibrate Touchscreen** to enter the respective submenu.

Follow the instructions on the screen, tapping on the respective points indicated. The touch screen is calibrated.

Turn Display Off
Select **Turn Display Off** to turn off the display.

To turn the display back on, touch the touch screen or press a button on the instrument panel.

Return to Factory Settings

Press ⌂ and then select the **SETTINGS** icon.

Scroll through the list and select **Return to Factory Settings**.

Restore Vehicle Settings
Select **Restore Vehicle Settings** to restore all vehicle personalisation settings. A warning message is displayed.

Select **Restore**. The settings are reset.

Clear All Private Data
Select **Clear All Private Data** to delete the following data:

- paired Bluetooth devices
- stored phone books
- vehicle contacts list
- destination lists
- favourites

A warning message is displayed.

Select **Delete**. The data is deleted.

Restore Radio Settings
Select **Restore Radio Settings** to reset the following data:

- tone settings
- volume settings
- speech settings
- application tray
- contacts sources

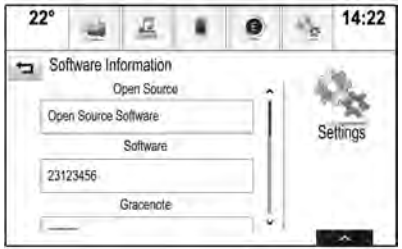
A warning message is displayed.

Select **Restore**. The settings are reset.

Software Information

Press ⌂ and select the **SETTINGS** icon.

Scroll through the list and select **Software Information**.



A list of version numbers of all items loaded to the system is displayed.

System update

To update your system software, contact your Holden dealer.

Radio

Usage

The radio function is part of the **AUDIO** application.

Activating the radio function

Press **RADIO** on the instrument panel.

Selecting the waveband

Repeatedly press **RADIO** to toggle between the different wavebands.

Station search

Automatic station search

Press ⏮ or ⏭ to play the previous or next station.

Manual station search

Press and hold ⏮ or ⏭. Release the respective button when the desired frequency has almost been reached.

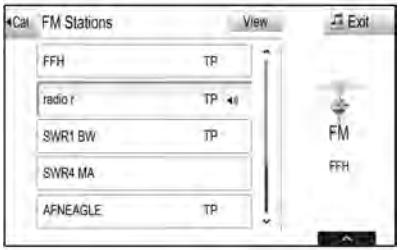
Station lists

In the station lists, all receivable radio stations within the current reception area are available for selection.

To display the station list of the waveband currently active, you may optionally:

- Tap anywhere on the screen.
- Select **BROWSE** on the left side of the screen.
- Turn **MENU**.

The station list is displayed.



Note
The currently received station is highlighted.

Scroll through the list and select the desired list item.

Categories

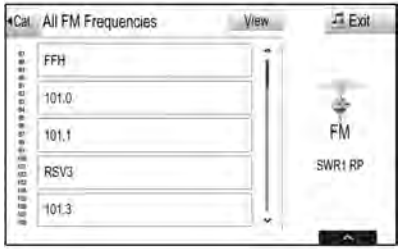
To display the categories list of the waveband currently active, select **Cat** in the upper left corner of the screen.

Select one of the categories. Scroll through the list (if necessary) and select the desired station.

All Frequencies

The **All AM Frequencies**, **All FM Frequencies** and **All DAB Frequencies** lists allow for manual station tuning in the respective waveband.

To display all frequencies available for the waveband currently active, select **View** in the upper right corner of the screen.



To tune to the desired frequency, scroll through the list and select the desired list item.

Favourites

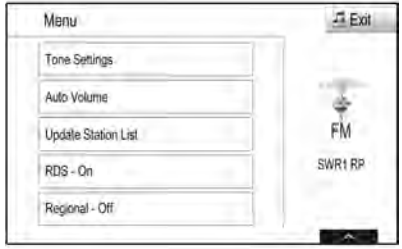
Find a detailed description ⇨ 109.

Waveband menus

The waveband menus allow access to different settings options. The following options are available for all wavebands.

Note
Find detailed descriptions on FM and DAB waveband specific settings options in the subsequent chapters.

To open a waveband-specific menu, activate the radio function and select the desired waveband. Select **MENU** in the interaction selector bar.



Tone Settings
Find a detailed description ⇨ 120.

Auto volume
Find a detailed description ⇨ 120.

Update Station List
If the stations stored in a waveband-specific station list can no longer be received, select **Update Station List**.

Note
If a waveband-specific station list is updated, the corresponding category list is also updated.

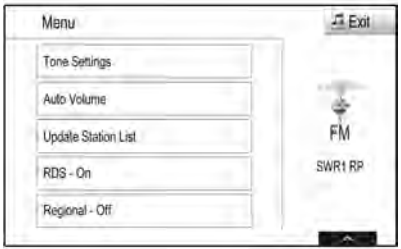
Updating Station List is displayed on the screen until the search has been completed.

Radio data system (RDS)

RDS is a service of FM stations that considerably improves the finding of the desired station and its fault-free reception.

Advantages of RDS
- On the display, the programme name of the station appears instead of its frequency.
- During a station search, the Infotainment system tunes in to RDS stations only.
- The Infotainment system always tunes into the best receivable broadcasting frequency of the set station by means of AF (alternative frequency).
- Depending on the station received, the Infotainment system displays radio text that can contain e.g. information on the current programme.

FM Menu
To configure the RDS settings options, activate the radio function and then select the FM waveband. Select **MENU** in the interaction selector bar to display the FM Menu.



RDS
Set **RDS - On** or **RDS - Off**.

Region
Sometimes RDS stations broadcast regionally different programmes on different frequencies.

Set **Region - On** or **Region - Off**.

If regionalisation is switched on, alternative frequencies with the same regional programmes are selected if necessary. If regionalisation is switched off, alternative frequencies of the stations are selected without regard to regional programmes.

Digital audio broadcasting

Digital audio broadcasting (DAB) is an innovative and universal broadcasting system.

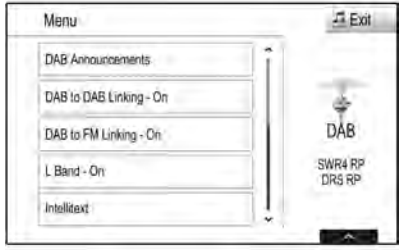
Advantages of DAB

- DAB stations are indicated by the programme name instead of the broadcasting frequency.
- With DAB, several radio programmes (services) can be broadcasted on a single frequency (ensemble).
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.
- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- There is no fading (weakening of the sound that is typical of AM or FM reception). The DAB signal is reproduced at a constant volume.

  If the DAB signal is too weak to be picked up by the receiver, reception is interrupted completely. This can be avoided by activating **DAB to DAB Linking** and/or **DAB to FM Linking** in the DAB menu (see below).
- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations.

DAB Menu

To configure the DAB settings options, activate the radio function and then select the DAB waveband. Select **MENU** in the interaction selector bar to display the DAB Menu.



DAB Announcements

Besides their music programmes, a lot of DAB stations also broadcast announcements of various categories. If you activate some or all categories, the DAB service currently received is interrupted when an announcement of these categories is made.

Select **DAB Announcements** to display the DAB categories list.

Select the desired categories. The categories selected are marked with ✔.

Note
DAB announcements can only be received if the DAB waveband is activated.

DAB to DAB Linking
If this function is activated, the device switches over to the same service (programme) on another DAB ensemble (frequency, if available) when the DAB signal is too weak to be picked up by the receiver.

Set **DAB to DAB Linking** to **On** or **Off**.

DAB to FM Linking
If this function is activated, the device switches over to a corresponding FM station of the active DAB service (if available) when the DAB signal is too weak to be picked up by the receiver.

Set **DAB to FM Linking** to **On** or **Off**.

L Band
If **L Band** is activated, the Infotainment system receives an additional frequency range. The frequencies for L-band comprise earth and satellite radio (1452 - 1492 MHz).

Set **L Band** to **On** or **Off**.

Intellitext
The **Intellitext** function allows for the reception of additional information such as announcements, financial information, sports, news etc.

Select one of the categories and choose a specific item to display detailed information.

CD Player

General information

The Infotainment system's CD player can replay audio CDs and MP3/WMA CDs.

Caution
Under no circumstances place DVDs, single-CDs with a diameter of 8 cm or shaped CDs in the audio player. You must not put any stickers on CDs. These discs can get jammed in the CD drive and ruin the drive. An expensive replacement of the device will then be necessary.

Important information about audio CDs and MP3/WMA CDs

- The following CD formats can be used:

  CD, CD-R and CD-RW
- The following file formats can be used:

ISO9660 Level 1, Level 2, (Romeo, Joliet)

MP3 and WMA files written in any format other than listed above may not play correctly, and their file names and folder names may not be displayed correctly.

- Audio CDs with copy protection, which are not in compliance with the audio CD standard, may not play correctly or not at all.
- Self-recorded CD-Rs and CD-RWs are more vulnerable to mishandling than prerecorded CDs. Correct handling, especially in the case of self-recorded CD-Rs and CD-RWs, must be ensured.
- Self-recorded CD-Rs and CD-RWs may not play correctly or not at all.
- On mixed mode CDs (combinations of audio and data, e.g. MP3), only the audio tracks will be detected and played.
- Avoid leaving fingerprints when you change CDs.
- Put CDs back in their sleeves immediately after removing them from the audio player in order to protect them from damage and dirt.
- Dirt and liquids on CDs can smear the lens of the audio player inside the device and cause faults.
- Protect CDs from heat and direct sunlight.
- The following restrictions apply for the data stored on an MP3/WMA CD:

  Maximum file/song number: 800

  Maximum folders in depth hierarchy: 8

  WMA files with Digital Rights Management (DRM) from online music shops cannot be played.

  WMA files can only be played safely if they were created with Windows Media Player version 9 or later.

  Applicable playlist extensions: .m3u, .pls

  Playlist entries must be in the form of relative paths.

Note
This chapter only deals with playing MP3 files since the operation for MP3 and WMA files is identical. When a CD with WMA files is loaded MP3 related menus are displayed.

Usage

Starting CD playback

Push an audio or MP3 CD with the labelled side facing upwards into the CD slot until it is pulled in.

Repeatedly press **MEDIA** to activate the CD function.

Removing a CD

Press ⏏. The CD is pushed out of the CD slot.

If the CD is not removed after ejection, it will be drawn back in after a few seconds.

Function buttons

Pausing CD playback

Select ⏸ to pause playback.

Select ▶ to resume playback.

Skipping to previous or next track

Select ⏮ or ⏭ to play the previous or next track.

Alternatively, turn **MENU** to skip to previous or next tracks.

Fast forwarding or rewinding

Tap and hold ⏮ or ⏭ to rewind or fast forward.

Track list

To display the track list, you may optionally:

- Tap anywhere on the screen.
- Select **BROWSE** on the left side of the screen.
- Turn **MENU**.

The track list is displayed.

Note
The track currently playing is highlighted.

Scroll through the list and select the desired list item.

Note
Find a detailed description of browsing MP3 CDs ⇨ 132.

CD Menu

To display the CD Menu, select **MENU** in the interaction selector bar.

Tone Settings

Find a detailed description ⇨ 120.

Shuffle

If **Shuffle** is set to **On**, all tracks on the active CD are played in random order.

Set **Shuffle** to **On** or **Off**.

Auto Volume

Find a detailed description ⇨ 120.

External devices

General information

An AUX and USB socket for the connection of external devices is located underneath the armrest in the centre console. Find a detailed description on lifting the armrest in the Owner's manual.

Note
The sockets must always be kept clean and dry.

AUX input

It is possible to connect e.g. an iPod or another auxiliary device to the AUX input.

When connected to the AUX input, the audio signal of the auxiliary device is transmitted via the speakers of the Infotainment system.

The volume and the tone settings can be adjusted via the Infotainment system. All other control functions need to be operated via the auxiliary device.

Connecting a device

To connect the auxiliary device to the AUX input socket of the Infotainment system, use the following cable:

3-pole for audio source.

To disconnect the AUX device, select another function and then remove the AUX device.

AUX audio function

The Infotainment system can play music files contained in auxiliary devices, e.g. iPod or Smartphone.

USB port

An MP3 player, USB drive, iPod or Smartphone can be connected to the USB port.

When connected to the USB port, the devices mentioned above can be operated via the controls and menus of the Infotainment system.

Note
Not all MP3 players, USB drives, iPod models or Smartphones are supported by the Infotainment system.

Connecting/disconnecting a device

Connect the USB device or iPod to the USB port. For the iPod, use the appropriate connection cable.

Note
If a non-readable USB device or iPod is connected, a corresponding error message appears and the Infotainment system automatically switches to the previous function.

To disconnect the USB device or iPod, select another function and then remove the USB storage device.

Caution
Avoid disconnecting the device during playback. This may damage the device or the Infotainment system.

USB audio function
The Infotainment system can play music files contained in USB storage devices or iPod/iPhone products.

USB movie function
The Infotainment system can play movies contained in USB storage devices.

Bluetooth
Bluetooth enabled audio sources (e.g. music mobile phones, MP3 players featuring Bluetooth, etc.), which support the Bluetooth music profiles A2DP and AVRCP can be connected wirelessly to the Infotainment system.

Connecting a device
Find a detailed description on the Bluetooth connection ⇨ 157.

Bluetooth audio function
The Infotainment system can play music files contained in Bluetooth devices like iPod or Smartphone.

File formats
Only devices formatted in the FAT32, NTFS and HFS+ file systems are supported.

Note
Some files may not be played properly. This might be due to a different recording format or the condition of the file.

Files from online shops to which Digital Rights Management (DRM) has been applied cannot be played.

The Infotainment system can play the following audio and movie files stored on external devices.

Audio files
The playable audio file formats are .mp3, .wma, .aac, .m4a and .aif.

When playing a file with ID3 tag information, the Infotainment system can display information, e.g. on the track title and artist.

Movie files
The playable movie file formats are .avi, .mpg, .mp4, .xvid and .wmv.

Common audio and video combinations for mobile devices are generally supported.

Playing audio

Starting playback
If not connected, connect the device ⇨ 131.

Repeatedly press **MEDIA** to activate the desired media source.

Example: USB main menu.

Function buttons

Note
During AUX playback, the function buttons are not available.

Pausing playback
Select ⏸ to pause playback.

Select ▶ to resume playback.

Skipping to previous or next track
Select ⏮ or ⏭ to play the previous or next track.

Alternatively, turn **MENU** to skip to previous or next tracks.

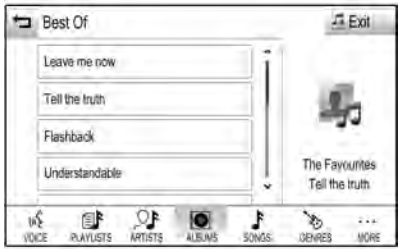
Fast forwarding or rewinding
Tap and hold ⏮ or ⏭ to rewind or fast forward.

Browse function

Note
The browse function is not available for AUX and Bluetooth media sources.

To display the browse screen, you may optionally:

- Tap anywhere on the screen.
- Select **BROWSE** on the left side of the screen.
- Turn **MENU**.



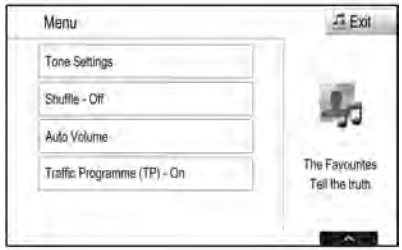
Select **PLAYLISTS**, **ARTISTS**, **ALBUMS**, **SONGS**, **GENRES** or **MORE**. **MORE** comprises the additional categories: **Folder View**, **Podcasts**, **Audiobooks**, **Videos** and **Composers**.

Browse through the categories until you find the desired track. Select the track to start playback.

Audio menus

To display the respective audio menu, select the **MENU** screen button in the interaction selector bar.

Note
Not all menu items are available in all audio menus.



Tone Settings
Find a detailed description ⇨ 120.

Shuffle
If **Shuffle** is activated, the tracks on the active device are played in random order.

Note
In USB, SD or iPod playback, the shuffle function is dependent on the filter mode selected for song playback, e.g. album, artist, genre.

Set **Shuffle** to **On** or **Off**.

Auto Volume
Find a detailed description ⇨ 120.

Manage Bluetooth Devices
(only available in the Bluetooth music menu)

Select **Manage Bluetooth Devices** to display the device list.

Find a detailed description ⇨ 157.

Playing movies

Starting video playback

Connect the device ⇨ 131.

Repeatedly press **MEDIA** to activate the desired media source.

Select **BROWSE** and then **MORE**. Select **Videos** and then the desired movie file. Video playback is started.

Note
Videos may only be played, if the parking brake is applied.

Function buttons

Pausing playback
Select ⏸ to pause playback.

Select ▶ to resume playback.

Skipping to previous or next file
Select ⏮ or ⏭ to play the previous or next movie file.

Alternatively, turn **MENU** to skip to previous or next movie file.

Fast forwarding or rewinding
Tap and hold ⏮ or ⏭ to rewind or fast forward.

Video menu

To display the video menu, select **MENU** in the interaction selector bar.

Find a detailed description of the menu ⇨ 132.

Navigation

General information

The navigation system will reliably guide you to your destination. There will be no need to read maps, even if you have no local knowledge whatsoever.

Caution
The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The relevant traffic regulations must always be followed. If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

Functioning of the navigation system

The position and movement of the vehicle are detected by the navigation system using sensors. The travelled distance is determined by the vehicle's speedometer signal, turning movements on bends by a gyro sensor. The position is determined by the GPS satellites (Global Positioning System).

By comparing the sensor signals with the digital maps on the map SD card, it is possible to determine the position with an accuracy of approx. 10 metres.

The system will also work with poor GPS reception. However, the accuracy of the determination of the position will be reduced.

After the entry of the destination address or point of interest (nearest petrol station, hotel, etc.), the route is calculated from the current location to the destination selected.

Route guidance is provided by voice output and an arrow, as well as with the aid of a multi-colour map display.

Important information

Input order for destination addresses

An address must be input in the correct order:

<house number> <street> <city> <country>

or

<postal code> <country>

Map data

All required map data is stored within the Infotainment system. To update your map software via an SD card, contact your Holden dealer.

Usage

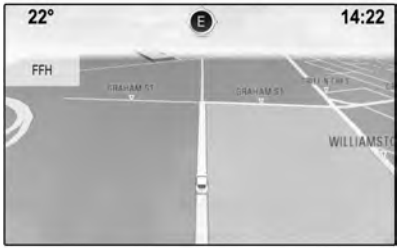
Information on the map display

To display the navigation map, press ⌂ and then select the **NAV** icon.

Route guidance not active

The current location is indicated by a vehicle icon.

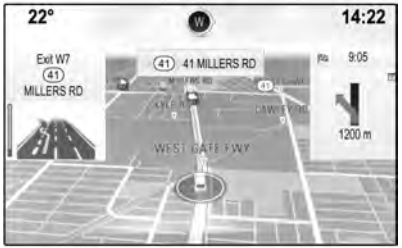
After a timeout of approx. 15 seconds, the application tray and the interaction selector bar disappear to show a full screen view of the map.



To redisplay the application tray and the interaction selector bar, tap anywhere on the screen.

Route guidance active

Centre display:



- The map view is displayed.
- The active route is indicated by a coloured line.
- The moving vehicle is marked by a circle.
- The next turning manoeuvre is indicated by an arrow symbol on the right side of the screen.
- Lane guidance is provided on the left side of the screen.
- The arrival time is shown above the arrow symbol.
- The distance to the next turning manoeuvre is shown below the arrow symbol.

Driver Information Centre, **Sport** theme:

- The name of the route you are currently on is displayed.
- The next turning manoeuvre is indicated by an arrow symbol.
- The distance to the next turning manoeuvre is displayed.

Map manipulation

Scrolling

To scroll the map, place your finger anywhere on the screen and move it up, down, left or right depending on the direction in which you want to scroll.

The map moves accordingly displaying a new section.

To return to the current location, select **RESET** in the interaction selector bar.

Centring

Tap on a desired location on the screen. The map centres around this location.

A red ○ is displayed at the respective location and the corresponding address is shown on a label.

To return to the current location, select **RESET** in the interaction selector bar.

Zooming

To zoom in on a selected map location, select **ZOOM IN**.

To zoom back out and display a larger area around the selected location, select **ZOOM OUT**.

Overview button

During active route guidance, an **OVERVIEW** screen button is displayed in the interaction selector bar.

To display an overview of the route currently active on the map, select **OVERVIEW**.

The screen button changes to **RESET**.

To return to the normal view, select **RESET**.

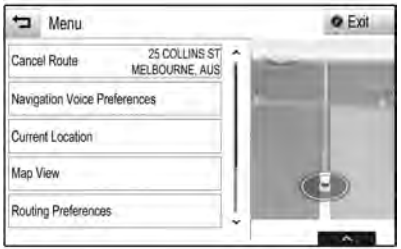
Changing the map view

To toggle between the different map views (**3D View**, **Heading Up View**, **North Up View**), repeatedly select ⊙ in the application tray.

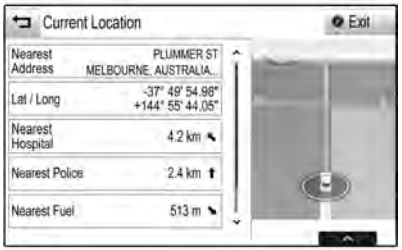
Note
The map view may also be adapted via the navigation menu (see below).

Information on the current location

Select **MENU** in the interaction selector bar to display the navigation menu.



Select **Current Location** to display the respective submenu indicating details on the nearest address, the coordinates, and Points of interest (⇨ 142) around the current location.



Nearest address

From this submenu, you may store the nearest address to the system.

Select **Nearest Address** to display the destination details view.

Find a detailed description on how to save an address

- as or to a contact ⇨ 113
- as a favourite ⇨ 109

Points of interest

From this submenu, you may start route guidance to one of the nearest points of interest.

Select the desired point of interest. The destination details view is displayed.

Select **Go**.

Find a detailed description on how to enter a destination ⇨ 142.

Map view

View
Select **MENU** in the interaction selector bar and then select **Map View** to display the respective submenu.

Select the desired map view (**3D View**, **Heading Up View**, **North Up View**).

Audio information
If **Audio Information** is activated, audio control screen buttons are displayed in the interaction selector bar of the map view.

Select **MENU** in the interaction selector bar and then select **Map View** to display the respective submenu.

Set **Audio Information** to **On** or **Off**.

POI icons
Select **MENU** in the interaction selector bar and then select **Display "Points of Interest" Icons** to display the respective submenu.

If **POI Icons** is activated, points of interest around the current location or along the route are displayed on the map.

Set **POI Icons** to **On** or **Off**.

If **POI Icons** is set to **On**, select the POI categories you wish to be displayed.

Select **Clear All** to unselect all categories.

Navigation data management

Select **MENU** in the interaction selector bar and then select **Personal Data**.

A list of different data storage locations of the navigation application is displayed.

Contacts list
Select **Address Book** to display the respective submenu.

Deleting all entries
To delete all entries in the contacts list, select **Delete All Entries**. You are prompted with a message.

Confirm the message to delete the entire contacts list.

Editing the contacts list
Select **Edit Address Book** to display the contacts list.

Find a detailed description on editing the contacts list ⇨ 113.

Recent destinations list
Select **Recent Destinations** to display the respective submenu.

Deleting all destinations
To delete all entries in the recent destinations list, select **Delete All Destinations**. You are prompted with a message.

Confirm the message to delete the entire recent destinations list.

Deleting individual destinations
Select **Delete Individual Destinations** to display the recent destinations list.

To delete a destination, select − next to the respective destination. You are prompted with a message.

Confirm the message to delete the destination.

Downloaded POIs
Select **My POIs** to display the respective submenu.

POIs which were previously downloaded to the system may be deleted. The other POIs remain within the system.

Deleting all downloaded POIs
To delete all entries in the contacts list, select **Delete All My POIs**. You are prompted with a message.

Confirm the message to delete the entire POIs list.

Deleting categories
Select **Delete Individual Categories** to display a list of POI categories.

To delete a category, select − next to the respective category. You are prompted with a message.

Confirm the message to delete the category.

Uploading destination data to a USB device
For later use, e.g. in other cars, you can store the vehicle contacts list and POIs previously downloaded (see "Creating and downloading user defined POIs" below) on a USB device:

Select **Upload Saved Locations**.

The contacts list and POI data is stored on the connected USB device in the folders "F:\myContacts" respective "F:\myPOIs", where "F:\" is the root folder of the USB device.

Note
This function may only be carried out if a USB device with sufficient storage space is connected.

Downloading contacts data

You can exchange your vehicle contacts list data with Infotainment systems in other cars:

To upload the data to a USB device, see "Uploading navigation data to a USB device" above.

Connect the USB device to the Infotainment system of another car ⇨ 131.

A message is displayed that prompts you to confirm the download.

After confirmation, the contacts data is downloaded to the Infotainment system.

The downloaded contacts are then selectable via the **CONTACTS** menu ⇨ 113.

Creating and downloading user defined POIs (My POIs)

In addition to the predefined POIs already stored in the Infotainment system, you can create user defined POIs that meet your personal requirements. After creation, such user defined POIs can be downloaded to the Infotainment system.

For each POI, you need to define the GPS coordinates (longitude and latitude values) of the respective location and a descriptive name.

After downloading the POI data to the Infotainment system, you will find the respective POIs as selectable destinations in the **My POIs** menu, see "Selecting a point of interest" in chapter "Destination input" ⇨ 142.

Creating a text file with POI data

Create a text file (e.g. by using a simple text editor software) with an arbitrary name and the file extension **.poi**, e.g. "TomsPOIs.poi".

Note
Character encoding **UTF-8** (Unicode) needs to be selected when storing the text file. Otherwise the POI data may not be imported correctly to the system.

TomsPOIs.poi - Notepad
File Edit Format View Help
-37.937910, 144.648070, "School", "Altona North", "9876543"
-37.856972, 144.888903, "Station", "Williamstown", ""
-37.857438, 144.884912, "Michaels Home", "53 Cerberus Crescent Williamstown", "91235678"

Enter the POI data into the text file in the following format:

Longitude coordinate, Latitude coordinate, "Name of POI", "Additional information", "Phone number"

Example:
-37.857438, 144.884912, "Michaels Home", "53 Cerberus Crescent Williamstown", "91235678", see image above.

The GPS coordinates must be expressed in decimal degrees and can be taken, e.g., from a topographical map.

The additional information and phone number strings are optional. If, e.g., no additional information is required, "" needs to be entered at the respective position.

Example:
-37.856972, 144.888903, "Station", "Williamstown", "".

The POI name and the additional information string may not exceed 60 characters each. The phone number string may not exceed 30 characters.

The POI data of each destination address must be entered in a single separate line, see image above.

Storing the POI data on a USB drive

In the root directory of a USB drive, create a folder named "**myPOIs**", e.g. "F:\myPOIs", where "F:\" is the root directory of the USB drive.

In the "myPOIs" folder, store the text file with your POIs, e.g. "F:\myPOIs\TomsPOIs.poi".

Organising the POI data in several subfolders

Optionally you can organise the text files in several randomly named subfolders (max. depth of subfolder structure: 2).

Examples: F:\myPOIs\AnnsPOIs or F:\myPOIs\MyJourney\London, where F:\ is the root directory of the USB drive.

Note

In a folder only subfolders or only POI files may be stored. A mixture of both will not be imported correctly to the system.

After downloading individual POI data organised in that way to the Infotainment system (see download description further below), the **My POIs** menu will show a list of selectable submenus.

After selecting a submenu, further submenus or the related list of imported POI categories will be displayed.

Downloading the POI data to the Infotainment system

Connect the USB device with your user defined POI data to the USB port ⇨ 131 of the Infotainment system.

A message is displayed that prompts you to confirm the download.

After confirmation, the POI data will be downloaded to the Infotainment system.

The downloaded POIs are then selectable as destinations via the **My POIs** menu, see "Selecting a point of interest" in chapter "Destination input" ⇨ 142.

Destination input

The navigation application provides different options to set a destination for route guidance.

Press ⌂ and then select the **NAV** icon to display the navigation map.

Entering an address via keyboard

Select **DESTINATION** in the interaction selector bar and then select **ADDRESS**.

Type Address, Crossroads or Road
Exit
1 2 3 4 5 6 7 8 9 0
Q W E R T Y U I O P
A S D F G H J K L Sym
Z X C V B N M , .
VOICE
ADDRESS
RECENT
CONTACTS
POIs

You may enter an address, crossroads or the name of a road.

Find a detailed description on the keyboards ⇨ 107.

Enter the destination address in the proper postal address order of your country. Example: **25 Collins Street Melbourne**.

The navigation system accepts incomplete inputs to some extend. Example: **Melbourne 25 Collins Street**.

To confirm your input, select the **Go** screen button in the top left corner of the screen.

If there is more than one destination possible according to the information entered, a list of all matching destinations found is displayed. Select the desired address.

The destination details view is displayed.

To start route guidance, select **Go**.

Selecting an address from the recent destinations list

Select **DESTINATION** in the interaction selector bar and then select **RECENT**.

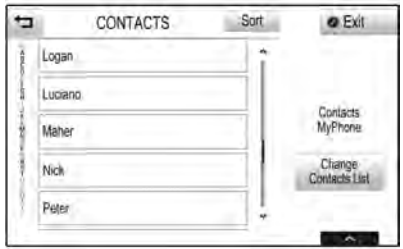
A list of all recently entered destinations is displayed.

Select one of the entries. The destination details view is displayed.

To start route guidance, select **Go**.

Selecting an address from the contacts list

Select **DESTINATION** in the interaction selector bar and then select **CONTACTS**. The contacts list is displayed.



Quick function icon

If there is only one address stored for a contact, a quick route icon is displayed next to the respective entry in the contacts list.

Select **ADDRESS** to directly display the destination details view.

To start route guidance, select **Go**.

Contact details view

If there is more than one address stored for a contact, select the desired contacts entry. The contact details view is displayed.

Select one of the addresses stored for the contact. The destination details view is displayed.

To start route guidance, select **Go**.

Selecting a point of interest

A point of interest (POI) is a specific location that might be of general interest, e.g. a petrol station, a parking area or a restaurant.

The data stored within the navigation system contains a great number of predefined POIs, which are indicated on the map (if activated, ⇨ 135).

You may also store individual POIs within the system, see "Creating and downloading user defined POIs" in chapter "Usage" ⇨ 135. Those POIs are selectable as destinations via the POI main category **My POIs**.

To select a POI as destination for route guidance, select **DESTINATION** in the interaction selector bar and then select **POIS**. A list of POI main categories is displayed.

Setting a search location

Note

The search location is specified by the map section chosen. If you scroll the map, zoom in or out or start route guidance, the POIs in the list are adapted accordingly.

To set a general search location, select **Search Near** on the map.

A list of possible search locations is displayed. If you are in active route guidance, more options are available.

Select the desired option.

Searching POIs via categories

Select one of the main categories in the list. A list with subcategories is displayed.

To display all POIs available in the respective main category, select **List All**. Scroll through the list and select the desired POI.

To display all POIs within one subcategory, select the respective subcategory. Scroll through the list and select the desired POI.

The destination details view is displayed.

Searching POIs via keyboard

To search for a particular POI, a category or a specific location, select **Search** in the POI main categories list or in one of the subcategory lists. A keyboard is displayed.

Enter the desired name, category or location. Find a detailed description on the keyboards ⇨ 107.

Select **Go** to confirm your input. The destination details view is displayed.

To start route guidance, select **Go**.

Selecting an address from the map

Tap on the desired location on the map. The map centres around this location.

A red ○ is displayed at the respective location and the corresponding address is shown on a label.

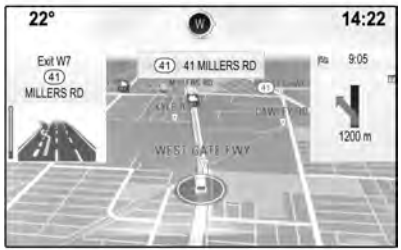
Tap on the label. The destination details view is displayed.

To start route guidance, select **Go**.

Creating and saving a waypoint trip

A waypoint is an intermediate destination that is considered in the calculation of a route to its final destination. To create a waypoint trip, you may add one or several waypoints.

Enter or select the final destination of your waypoint trip and start route guidance.

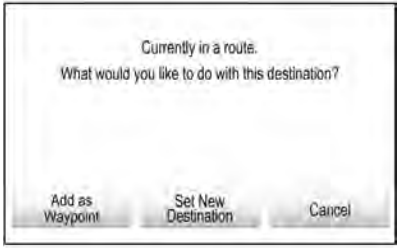


While under active route guidance, select **DESTINATION** in the interaction selector bar of the map view.

Alternatively, tap on the arrow symbol indicating your next turning manoeuvre on the right side of the screen to display the route guidance menu. Select **DESTINATION** in the interaction selector bar of the route guidance menu.

Enter or select a new address.

Select **Go**. You are prompted with a message.



Select **Add as Waypoint**. The route is recalculated and the new destination is added as waypoint to the current route.

If desired, enter further waypoints as described above.

To save the entire route with waypoints, select **Save**.

The waypoint trip is saved in the contacts list in the **Saved Trips** folder and designated according to its final destination.

The saved waypoint trip can be recalled via the contacts list at any time.

Find a detailed description on how to edit a waypoint trip ⇨ 147.

Calling a destination

After entering a destination and before starting route guidance, the destination details view is displayed.

To initiate a phone call to the selected location, select **Call**.

Note
The **Call** screen button is only available if a phone number is stored for the respective location.

Storing destinations

Contacts entry

After entering a destination and before starting route guidance, the destination details view is displayed.

To save the respective destination in the contacts list, select **Save**. Find a detailed description on how to save an address in the contacts list ⇨ 113.

Note
The **Save** screen button is only available if the address has not already been stored in the system.

Favourite

Favourites may be stored from almost all screen views. Find a detailed description on how to store destination favourites ⇨ 109.

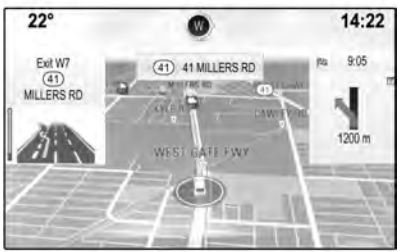
Guidance

General information

Route guidance is provided by the navigation system through visual instructions and voice prompts (voice guidance).

Visual instructions

Visual instructions are provided on the displays.



Navigation voice prompts

Navigation voice prompts announce, which direction to follow, when approaching an intersection at which you need to turn.

To activate the voice prompts function and set the volume, see "Navigation voice settings" below.

Starting and cancelling route guidance

Starting route guidance

To start route guidance to a new destination chosen, select **Go** in the destination details view.

To directly start route guidance to the last destination chosen, select **MENU** in the interaction selector bar and then select **Resume to**.

Route guidance to the last destination selected is restarted.

Cancelling route guidance

To cancel route guidance, select **MENU** in the interaction selector bar and then select **Cancel Route**.

Alternatively, tap on the arrow symbol indicating your next turning manoeuvre on the right side of the screen to display the route guidance menu (see "Route guidance menu" below).

Select **END** in the interaction selector bar of the route guidance menu.

Settings for route calculation and guidance

Navigation voice settings

Select **MENU** in the interaction selector bar and then select **Navigation Voice Preferences** to display the respective submenu.

If **Voice Prompts** is activated, navigation voice prompts are read out by the system during active route guidance.

Set **Voice Prompts** to **On** or **Off**. If set to **Off**, only a beep is sounded.

If **Prompts During Phone Calls** is activated, navigation voice prompts are also read out during phone calls.

Set **Prompts During Phone Calls** to **On** or **Off**.

To adjust the volume of the voice prompts, select − or +.

Route settings
Select **MENU** in the interaction selector bar and then select **Routing Preferences** to display the respective submenu.

Route style
To define by what criteria a route may be calculated, select **Route Style**.

Select **Fast**, **Eco Friendly** or **Short** from the list.

If **Eco Friendly** has been selected, the eco-friendly route style may be adapted to the load of the vehicle.

Select **Edit Eco Profile** to display the respective submenu.

Repeatedly select **Roof Load** and **Trailer** to toggle between the available load options. Set the options as needed.

Road selection
Select from the list which road types may be included in the calculation of the route.

Route guidance menu

Note
The route guidance menu may only be displayed if route guidance is active.

The route guidance menu provides additional options to change route settings during active route guidance.

To display the route guidance menu, tap on the arrow symbol indicating your next turning manoeuvre on the right side of the screen. The route guidance menu is displayed.

Depending on which type of route you are in, the route guidance menu is displayed differently.

Normal route (one destination)

Waypoint trip (several destinations)

Changing the route

After route guidance has been started, tap on the arrow button to display the route guidance menu.

Adding a waypoint

Select **DESTINATION** in the interaction selector bar and enter or select a new address.

You are prompted with a message.

Select **Add as Waypoint**. The route is recalculated and the new destination is added as waypoint to the current route.

Changing the destination

Select **DESTINATION** in the interaction selector bar and enter or select a new address.

You are prompted with a message.

Select **Set New Destination**. The route is recalculated to the new destination.

Ending route guidance

After route guidance has been started, tap on the arrow button to display the route guidance menu.

To cancel route guidance, select **END**.

Excluding streets from route guidance

After route guidance has been started, you may exclude streets from the previously calculated route.

The route is then recalculated bypassing the streets previously excluded.

Tap on the arrow button to display the route guidance menu and select **AVOID**. The turn list is displayed (see "Displaying the turn list" below).

Select the street, motorway or motorway junction you wish to avoid. You are prompted with a message.

Select the desired distance option.

The respective street or motorway is displayed in the **Avoided Areas** section on top of the turn list indicated by a red ✔.

To reinclude the avoided street or motorway in the route, unselect the respective list item.

Displaying the turn list

The turn list displays all streets on the calculated route, starting from the current location.

Tap on the arrow button to display the route guidance menu and select **TURN LIST**. The turn list is displayed and the next manoeuvre is read out by the system.

Each list entry may show the following information:

- name of the street, motorway or motorway junction
- direction arrow

- distance to the next street on the route
- estimated arrival time when reaching the next street

To display all available information on a particular list item, select the respective list item and then select **Info** in the top line of the screen.

Displaying the waypoint list

The waypoint list displays all waypoints of the calculated waypoint trip, starting with the next upcoming waypoint.

Tap on the arrow button to display the route guidance menu and select **WAYPOINTS**. The waypoints list is displayed.

Each list entry may show the following information:

- name or address of the waypoint
- distance to the next waypoint
- estimated arrival time when reaching the next waypoint

Optimising the waypoint trip

If several waypoints have been added and the waypoint trip has been edited several times, you may want to rearrange the waypoints in the most efficient order.

Select **OPTIMISE**.

Wait until the waypoints list has been updated.

Select **Save** at the top of the screen to save the changes.

Editing the waypoint trip

To arrange a waypoint trip as desired, tap on the arrow button to display the route guidance menu and select **EDIT**. The waypoints list is displayed.

To change the position of the waypoints within the list, select ▲ and ▼ next to the respective list items.

To delete a waypoint from the list, select ⓧ.

For a detailed description on how to add new waypoints, see "Adding a waypoint" above.

Select **Save** at the top of the screen to save the changes.

Speech recognition

General information

Embedded speech recognition

The embedded speech recognition of the Infotainment system enables you to operate various functions of the Infotainment system via voice input. It recognises commands and numeric sequences independently of the relevant speaker. The commands and numeric sequences can be spoken without a voice pause between the individual words.

In the event of incorrect operation or commands, the speech recognition gives visual and/or acoustic feedback and requests you to re-enter the desired command. Apart from this, the speech recognition acknowledges important commands and will enquire if necessary.

In general, there are different ways to speak commands for performing the desired actions. Most of them, except destination entry and voice keypad, can be completed in a single command.

If the action takes more than one command to be performed, proceed as follows:

In the first command, you indicate the kind of action to be performed, like "Navigation destination entry." The system replies with prompts that lead you through a dialogue for entering the necessary information. For example, if a destination for route guidance is needed, say "Navigation" or "Destination entry".

Note

To ensure that conversations inside the vehicle do not lead to unintentional triggering of the system functions, the speech recognition does not start until it has been activated.

Important information

Language support

- Not all languages available for the display of the Infotainment system are also available for the speech recognition.
- If the display language currently selected is not supported by the speech recognition, speech recognition is not available.

  In such a case, you need to select another language for the display, if you want to control the Infotainment system via voice input. For changing the display language, see "Language" in chapter "System settings" ⇨ 121.

Input order for destination addresses

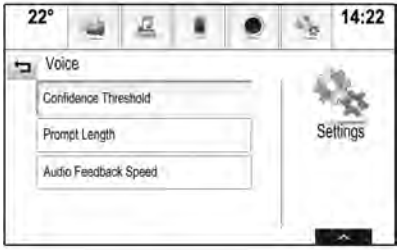
The order in which the parts of an address need to be entered using the speech recognition system are given out by the system.

Setting up the speech recognition

Several settings and adaptions for the embedded speech recognition of the Infotainment system can be performed.

Press ⌂ and then select the **SETTINGS** icon.

Select **Voice** item to enter the respective submenu.



Confidence Threshold
Depending on the option selected in the corresponding submenu, the speech recognition appears more or less 'confident' in correctly understanding your commands.

Confirm More: If selected, the system asks you relatively often to confirm your commands. Consequently, the system performs the correct action in most cases.

Confirm Less: If selected, the system asks you less often to confirm your voice inputs. Consequently, the system might sometimes misinterpret your commands and not perform the correct action.

Note
When starting to use the speech recognition, it may be advantageous to use the **Confirm More** setting. As you get more experienced, i.e., you get to know how to pronounce your commands in a way the speech recognition understands you correctly, it may be advantageous to use the **Confirm Less** setting.

Prompt Length
The length and detail of the questions and statements the speech recognition gives out can be adjusted in the corresponding submenu.

Audio Feedback Speed
The speed with which the speech recognition asks questions or makes statements can be adjusted in the corresponding submenu.

If **Medium** is selected, the system's speech rate corresponds to natural speech.

Note
When starting to use the speech recognition, it may be advantageous to use the **Long** setting. As you get more experienced, it may be advantageous to use the **Short** setting.

Voice pass-thru application

The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See your smartphone manufacturer's user guide to find out whether your smartphone supports this feature.

Usage

Embedded speech recognition

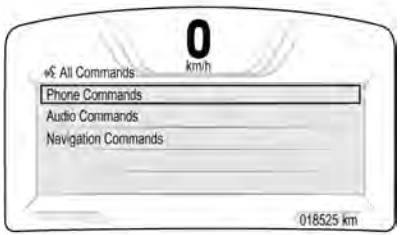
Activating speech recognition

Note
Speech recognition is not available during an active phone call.

Activation via the button on the steering wheel

Press on the left-hand side of the steering wheel.

The audio system mutes, a voice output message prompts you to say a command, and a help menu with the most important commands currently available is shown in the Driver Information Centre.



As soon as the speech recognition is ready for voice input, a beep is heard. The speech recognition symbol in the upper left corner of the help menu changes from white to red.

You can now say a voice command to directly initiate a system function (e.g. playing a preset radio station), or to start a dialogue sequence with several dialogue steps (e.g. entering a destination address), see "Operation via speech commands" further below.

After a dialogue sequence is finished, the speech recognition is deactivated automatically. To initiate another dialogue sequence, you need to activate the speech recognition again.

Activation via the VOICE screen button on the centre display

Select **VOICE** in the interaction selector bar of a centre display main menu.

The audio system mutes, a voice output message prompts you to say a command, and a help menu with the most important commands currently available is shown on the centre display.

As soon as the speech recognition is ready for voice input, a beep is heard. The speech recognition symbol on the right side of the help menu changes from black to red.

You can now say a voice command, see description above.

Adjusting the volume of voice prompts

Press or on the right side of the steering wheel upwards (increase volume) or downwards (decrease volume).

Interrupting a voice prompt

As an experienced user, you can interrupt a voice prompt by briefly pressing on the steering wheel.

A beep is heard immediately, the speech recognition symbol changes to red, and a command can be stated without having to wait.

Cancelling a dialogue sequence

There are various possibilities to cancel a dialogue sequence and to deactivate the speech recognition:

- Say "**Cancel**" or "**Exit**".
- Press on the left-hand side of the steering wheel.
- If the speech recognition session was started via the **VOICE** screen button on the centre display, you may alternatively:
  - Press on the instrument panel.
  - Select or **Exit** in the help menu.

In the following situations, a dialogue sequence is automatically cancelled:

- If you do not say any command for a certain period of time (by default you are prompted three times to say a command).
- If you say commands that are not recognised by the system (by default you are prompted three times to say a correct command).

Operation via speech commands

The speech recognition can understand commands that are either naturally stated in sentence form, or direct commands stating the application and the action.

For best results:

- Listen for the voice prompt and wait for the beep before saying a command or replying.
- Say "**Help**" or read the example commands on the screen.
- The voice prompt can be interrupted by pressing again.
- Wait for the beep and then speak the command naturally, not too fast, not too slow. Use short and direct commands.

Usually phone and audio commands can be spoken in a single command. For example, "Call David Smith at work", "Play" followed by the artist or song name, or "Tune to" followed by the radio frequency and the waveband.

Navigation destinations, however, are too complex for a single command. First, state a command that explains the type of destination needed, such as "Directions to an Address", "Navigate to an intersection", "Find a Place of Interest", or "Directions to a contact". The system responds with requesting more details.

When searching for a "Place of Interest," only major chains may be selected by name. Chains are businesses with at least 20 locations.

For other POIs, say the name of a category like "Restaurants," "Shopping centres," or "Hospitals".

Direct commands are easier understood by the system, e.g. "Call 01234567". Examples of these direct commands are displayed on most of the screens while a speech recognition session is active.

If you say "Phone" or "Phone commands", the system understands that a phone call is requested and responds with respective questions until enough details are gathered. If the phone number has been saved with a name and a place, the direct command should include both, for example "Call David Smith at work".

Selecting list items

When a list is displayed, a voice prompt asks to confirm or select an item from that list. A list item may be manually selected, or by speaking the line number of the item.

The list on a speech recognition screen functions the same as a list on other screens. Manually scrolling the list on a screen during a speech recognition session suspends the current speech recognition event and plays a prompt like "Make your selection from the list using the manual controls, press the back button on the faceplate, or press the back screen button to try again".

If no manual selection is made within 15 seconds, the speech recognition session terminates, you are prompted with a message, and the former screen is redisplayed.

The "Back" command

To return to the previous menu, optionally: say "**Back**", press ◄ **BACK** on the instrument panel, or press ⮌.

The "Help" command

After saying "**Help**", the help prompt for the current screen is read aloud. Additionally, the prompt is displayed on the screen.

Depending on how speech recognition was initiated, the help prompt is either displayed in the Driver Information Centre or on the centre display.

To interrupt the help prompt, press 🎤. A beep is heard. You may say a command.

Voice pass-thru application

Activating speech recognition

Press and hold 🎤 on the steering wheel. The menu of the voice pass-thru application is displayed.

Select **Start** to activate a speech recognition session.

As soon as a beep is heard, you can say a command. For a list of the commands supported, see your smartphone manufacturer's user guide.

During a speech recognition session the display of the Infotainment system does not change.

Exception: If you initiate a phone call via voice command, the phone menu of the Infotainment system is displayed and available for manual interaction as long as the phone call is active.

Interrupting a voice prompt

As an experienced user, you can interrupt a voice prompt by selecting **Stop**.

Deactivating speech recognition

Select **Exit**. The Home screen of the Infotainment system is displayed again.

Phone

General information

The Phone portal provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the Phone portal, the mobile phone must be connected to the Infotainment system via Bluetooth.

Not all Phone functions are supported by every mobile phone. The usable phone functions depend on the relevant mobile phone and network provider. You will find further information on this in the operating instructions for your mobile phone, or you can enquire about them with your network provider.

Important information for operation and traffic safety

⚠Warning

Mobile phones have effects on your environment. For this reason safety regulations and directions have been prepared. You should be familiar with the related directions before you use the telephone function.

⚠Warning

Use of the hands-free facility while driving can be dangerous because your concentration is reduced when telephoning. Park your vehicle before you use the hands-free facility. Follow your local regulations.

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile phones is prohibited, if

interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

The Phone portal is certified by the Bluetooth Special Interest Group (SIG).

You will find further information about the specification on the Internet at http://www.bluetooth.com

Bluetooth connection

Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, iPod/iPhone models, or other devices.

To be able to set up a Bluetooth connection to the Infotainment system, the Bluetooth function of the Bluetooth device must be activated. For further information, please consult the user guide of the Bluetooth device.

Via the Bluetooth settings menu, pairing (PIN code exchange between Bluetooth device and Infotainment system) and connecting of the Bluetooth devices to the Infotainment system are carried out.

Bluetooth settings menu

Press ⌂ and then select the **SETTINGS** icon.

Select **Bluetooth** to display the respective submenu.

Pairing a device

Important information

- Up to five devices can be paired to the system.
- Only one paired device can be connected to the Infotainment system at a time.
- Pairing normally only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been connected previously, the Infotainment system automatically establishes a connection.
- Some Bluetooth functions are only available after the second ignition cycle.
- Bluetooth operation considerably drains the device's battery. Therefore, connect the device to the power outlet for charging.

Pairing via the Settings application

1. Press ⌂ and then select the **SETTINGS** icon.

   Select **Bluetooth** to display the respective submenu.
2. Select **Pair Device**. Alternatively, select **Device Management** to display the device list and then select **Pair Device**.
3. A message is displayed on the Infotainment system indicating the name and PIN code of the Infotainment system.
4. Start Bluetooth searching on the Bluetooth device to be paired.
5. Confirm the pairing procedure:
   - If SSP (secure simple pairing) is supported:

Compare the PIN code (if demanded) and confirm the messages on the Infotainment system and the Bluetooth device.

- If SSP (secure simple pairing) is not supported:

  If desired, select **Set PIN** to change the PIN code of the Infotainment system. A keypad is displayed. Enter the new PIN code and confirm your input.

  Enter the Infotainment PIN code on the Bluetooth device and confirm your input.

6. The Infotainment system and the device are paired and the device list is displayed.

Note
If the Bluetooth connection fails, a failure message is displayed on the screen of the Infotainment system.

7. If available on the Bluetooth device, phone book and calls lists are downloaded to the Infotainment system. If required, confirm the respective message on your smartphone.

Note
For the contacts to be read by the Infotainment system, they have to be stored in the phone memory of the mobile phone.

If this function is not supported by the Bluetooth device, a corresponding message is displayed on the Infotainment system.

Pairing via the Phone application

1. Press ⌂ and then select the **PHONE** icon.
2. Select **Pair Device**.
3. Proceed from step 3 of "Pairing via the Settings application" (see above).
4. If the device has been successfully paired, the phone menu is displayed.

Note
If the Bluetooth connection fails, a failure message is displayed on the screen of the Infotainment system.

Connecting a paired device

1. Press ⌂ and then select the **SETTINGS** icon.

   Select **Bluetooth** to display the respective submenu.
2. Select **Device Management** to display the device list.
3. Select the Bluetooth device you wish to connect.
4. The device is connected and displayed within the **Connected** field of the device list.

Disconnecting a device

1. Press ⌂ and then select the **SETTINGS** icon.

   Select **Bluetooth** to display the respective submenu.
2. Select **Device Management** to display the device list.
3. Select × beside the Bluetooth device currently connected. You are prompted with a message.
4. Select **Yes** to disconnect the device.

Deleting a device

1. Press ⌂ and then select the **SETTINGS** icon.
   Select **Bluetooth** to display the respective submenu.
2. Select **Device Management** to display the device list.
3. Select − beside the Bluetooth device to be deleted. You are prompted with a message.
4. Select **Yes** to delete the device.

Emergency call

⚠Warning

Connection setup cannot be guaranteed in all situations. For this reason you should not rely exclusively on a mobile phone when a vitally important communication (e.g. a medical emergency) is concerned.

In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.

⚠Warning

Bear in mind that you can make and receive calls with the mobile phone, if it is in a service area with a sufficiently strong signal. Under certain circumstances emergency calls cannot be made on all mobile phone networks; it is possible that they cannot be made when certain network services and/or telephone functions are active. You can enquire about this with the local network operators.

Making an emergency call

Dial the emergency call number (e.g. **000**).

The telephone connection to the emergency call centre is set up.

Answer when the service personnel questions you about the emergency.

⚠Warning

Do not end the call until you are requested to do so by the emergency call centre.

Operation

As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can operate many functions of your mobile phone via the Infotainment system.

Note
Not every mobile phone supports all functions of the Phone portal. Therefore, deviations from the range of functions described below are possible.

Phone application

Press ⌂ and then select the **PHONE** icon (with phone symbol) to display the respective menu.

The Phone portal comprises different views accessible via tabs. Select the desired tab.

Note
The **PHONE** main menu is only available, if a mobile phone is connected to the Infotainment system via Bluetooth. For a detailed description ⇨ 157.

Initiating a phone call

Keypad

Press ⌂ and then select the **PHONE** icon to display the respective menu.

If necessary, select **KEYPAD** in the interaction selector bar. The keypad is displayed.

Enter the desired number and select **Call**. The number is dialled.

To dial a speed dial number, enter the number and tap and hold the last digit. The number is dialled.

Contacts

Press ⌂ and then select the **PHONE** icon to display the respective menu.

If necessary, select **CONTACTS** in the interaction selector bar. The contacts list is displayed.

Find a detailed description of the contacts lists ⇨ 113.

Scroll to the desired contacts entry.

Quick function icon
If there is only one number stored for a contact, a quick dial icon is displayed next to the respective entry in the contacts list.

Select ✆ to directly initiate the call.

Contact details view
If more than one number is stored for a contact, select the respective contact.

The contact details view is displayed.

Select one of the phone numbers stored for the contact. The number is dialled.

Calls lists

Press ⌂ and then select the **PHONE** icon to display the respective menu.

If necessary, select **RECENT** in the interaction selector bar. The recent calls list is displayed.

Note
Missed calls are highlighted in red in the recent calls list and indicated by a ⚠ next to the phone icon in the application tray.

Select one of the phone numbers stored in the recent calls list. The number is dialled.

Favourites
Reveal the favourites page.

If necessary, scroll through the pages.

Select the desired favourite screen button.

Find a detailed description ⇨ 109.

Incoming phone call

Taking a phone call
If a radio or media source is active when a call comes in, the audio source is muted and remains muted until the call is ended.

A message with the caller's name or number is displayed at the bottom of the screen.

To answer the call, select **Answer** in the message.

Rejecting a phone call
To reject the call, select **Ignore** in the message.

Changing the ringtone
Press ⌂ and then select the **SETTINGS** icon.

Select **Bluetooth** to display the respective submenu and then select **Ringtones**. A list of all phones paired to the Infotainment system is displayed.

Select the desired phone. A list of all ringtones available for the respective phone is displayed.

Select the desired ringtone.

Functions during a phone call
During a phone call, the in-call view is displayed.

Ending a phone call

Select **End** to end the call.

Deactivating the microphone

Select **Mute** to temporarily deactivate the microphone.

The screen button changes to **Unmute**.

To reactivate the microphone, select **Unmute**.

Deactivating the handsfree function

To continue the conversation on your mobile phone, select **Handset**.

The screen button changes to **Handsfree**.

To reactivate the handsfree function, select **Handsfree**.

Second phone call

Initiating a second phone call

To initiate a second phone call, select **Add** in the in-call view. The phone menu is displayed.

Initiate a second phone call. For a detailed description, see "Initiating a phone call".

To cancel the initiation of the second call and return to the in-call view, select **Current Call**.

Both calls are displayed in the in-call view.

Second incoming phone call

A message with the caller's name or number is displayed at the bottom of the in-call view.

Select **Answer** or **Ignore** in the message.

Ending the phone calls

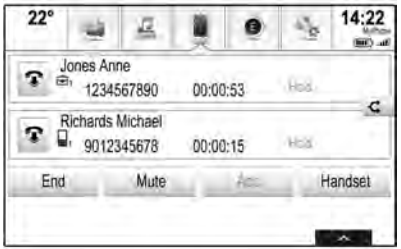
To end both calls, select **End** at the bottom of the screen.

To end just one of the calls, select next to the respective call.

Conference call

Select to merge the two calls. Both calls become active.

The screen button changes to .



To unmerge the calls, select ⊄.

Phones

Select **PHONES** to display the device list.

Find a detailed description ⇨ 157.

Text messages

The **Text** application allows text messages to be received and replied to via the Infotainment system.

Prerequisites

The following prerequisites must be met in order to use the **Text** application:

- The Bluetooth function of the respective phone must be activated (see user guide of the device).
- Dependent on the phone, it may be required to set the device to "visible" (see user guide of the device).
- The respective phone must be paired and connected to the Infotainment system. Find a detailed description ⇨ 157.
- The respective phone must support Bluetooth Message Access Profile (BT MAP).

Starting the text application

Press the ⌂ button and then select the **Text** application icon.

If a new text message is received, you are prompted with a message. Select **Listen** or **View** to enter the **Text** application.

Note
Text message alerts are only displayed, if **Text Alerts** in the text settings menu is set to **On**.

Listening to a message

Select **Inbox** in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.

Note
Depending on the phone, not all text messages stored on the phone are displayed in the inbox.

Select ◄)) beside the respective message in the inbox.

Alternatively, select the desired message to display the message view. Select **Listen** in the interaction selector bar.

Viewing a message

Note
If the vehicle is going faster than 8 km/h, the text message is not displayed on the screen.

Select **Inbox** in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.

Select the desired message to display the complete message text.

Calling the writer

Select **Inbox** in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.

Select the desired message to display the message view.

Select **Call** in the interaction selector bar. The writer of the message is called.

Replying to a message

Note
Depending on the phone, the reply function may not be supported.

Select **Inbox** in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.

Select the desired message to display the message view.

Select **Reply** in the interaction selector bar. A list of predefined messages is displayed.

Select the desired predefined text message.

If none of the predefined messages serves your purpose, you can write a new message, see "Manage Predefined Messages" below.

Deleting a message

Select **Inbox** in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.

Select the desired message to display the message view.

To delete the text message, select **Delete** in the interaction selector bar.

Device list

Select **Phones** to display the device list.

Find a detailed description ⇨ 157.

Text settings

Select **Settings** to enter the settings menu.

Text Alerts

If you wish an alert to pop up when a new text message is received, set **Text Alerts** to **On**.

Manage Predefined Messages

Select **Manage Predefined Messages** to display a list of all predefined messages.

Adding a new message

Select **Add New Predefined Message**. A keyboard is displayed.

Enter the desired message text and confirm the input. The new message is added to the list of predefined messages.

Deleting a predefined message

To delete a predefined message, select – beside the message you wish to delete.

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

The vehicle specific installation instructions and the operating guidelines of the mobile phone and handsfree manufacturer must be observed when installing and operating a mobile telephone.

Recommendations for fault-free operation:

- The exterior antenna needs to be professionally installed to obtain the maximum range possible.
- Maximum transmission power: 10 watts.
- The mobile phone needs to be installed in a suitable spot. Consider relevant note in the Owner's Manual, chapter **Airbag system**.

Seek advice on predetermined installation points for the external antenna or equipment holder and ways of using devices with a transmission power exceeding 10 watts.

Use of a handsfree attachment without external antenna with mobile telephone standards GSM 900/1800/1900 and UMTS is only permitted if the maximum transmission power of the mobile telephone is 2 watts for GSM 900 or 1 watt for the other types.

For reasons of safety, do not use the phone while driving. Even use of a handsfree set can be a distraction while driving.

⚠Warning

Operation of radio equipment and mobile telephones which fail to meet above mentioned mobile telephone standards is only permitted using an antenna located outside of the vehicle.

Caution

Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.

Frequently asked questions

Phone

How can I pair my phone with the Infotainment system?

In order to pair a phone, press ⌂, select the **PHONE** icon and then select **Pair Device**. Follow the instructions on your device and make sure Bluetooth is enabled.

Detailed description ⇨ 157.

How can I access my phone book contacts and recent calls?

In order to access the contacts or calls list, press ⌂, select the **PHONE** icon and then select **CONTACTS** or **RECENT**. Make sure access to the phone book and recent calls list is allowed on the phone. Depending on the phone, loading the phone book and recent calls list might take a few minutes.

Detailed description ⇨ 159.

Favourites

What can be stored as a favourite?

Up to 60 favourites of almost all elements can be stored, e.g. destinations, phone contacts, playlists, radio stations, etc.

Detailed description ⇨ 109.

How can I store a new favourite?

Activate the respective application and tap and hold a favourite screen button to store a new favourite in this location. A short beep sound confirms storing. In some cases, it is required to select a specific item.

Detailed description ⇨ 109.

How can I rename, delete or move my favourites?

Press ⌂, select the **SETTINGS** icon on the Home screen, **Radio** in the settings list and then **Manage Favourites** in order to rename, delete or move the favourites.

Detailed description ⇨ 109.

Where are the favourites stored and how can I recall them?

The favourites are stored in the favourites list. To recall a favourite, select the respective screen button on the favourites row displayed. On certain screens, the favourites list is hidden to extend the main content view. On these screens, select ⌃ on the lower right of the screen or drag the interaction selector bar upwards with a finger.

Detailed description ⇨ 109.

Navigation

After entering a destination address, an error message is shown. What am I doing wrong?

For full address entry, the navigation system expects a certain input order.

Detailed description ⇨ 142.

How can I cancel active route guidance?

To cancel route guidance, select **MENU** in the interaction selector bar and then select **Cancel Route**.

Detailed description ⇨ 147.

Audio

? How can I change the audio source?

! By pressing **RADIO** repeatedly, you can toggle through all available radio sources (AM/FM/DAB). By pressing **MEDIA** repeatedly, you can toggle through all available media sources (USB, SD card, iPod, Bluetooth audio, CD, AUX).

Detailed description for radio ⇨ 124, CD ⇨ 128, external devices ⇨ 131.

? How can I browse radio stations or media music?

! To browse radio stations or media music, such as playlists or albums, select **BROWSE** on the audio screen.

Detailed description for radio ⇨ 124, CD ⇨ 129, external devices ⇨ 132.

Other

? How can I improve the performance of the voice recognition?

! The voice recognition is designed to understand naturally pronounced voice commands. Wait for the beep tone and speak afterwards. Try to speak naturally, not too fast or too loud.

Detailed description ⇨ 151.

? How can I improve the touch screen's performance?

! The touch screen is pressure-sensitive. Especially when doing drag gestures, try to apply more pressure with the finger.

Detailed description ⇨ 101.

Climate control

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Climate control systems

Dual automatic climate control system

The dual automatic climate control allows different climatisation temperatures for driver and front passenger side.

In Automatic mode temperature, fan speed and air distribution are regulated automatically.

Panels and buttons for the following functions:

- **temperature ▲▼**
- **air distribution**
- **fan speed ▲▼**
- **automatic mode AUTO**
- **cooling A/C**
- **air recirculation**
- **demisting and defrosting**
- **system ON/OFF**
- **dual zone temperature synchronisation SYNC**

Heated rear window ⇨ 31.

Heated front seats ⇨ 37.

⚠Warning

Do not sleep in a vehicle with the air conditioning or heating system on. It may cause serious harm or death due to a drop in oxygen content and/or body temperature.

Indication

Temperature settings are indicated for driver and passenger side separately on the panels.

Each change of settings is shown in the Info-Display for a few seconds.

The dual automatic climate control system is only fully operational when the engine is running.

Climate control system settings are saved in the key used to lock the vehicle.

Automatic mode AUTO

Basic setting for maximum comfort:

- Press **AUTO**, the air distribution and fan speed are regulated automatically. Activation is indicated by the LED in the button.
- Press **A/C** to switch on optimal cooling and demisting. Activation is indicated by the LED in the button.
- Set temperature by touching ▲ or ▼ on the driver side. Suggested comfort setting is 22 °C. Temperature can be set differently for driver and passenger. Touch ▲ or ▼ on the passenger side to allow different temperature zones.
- Open all air vents to allow optimised air distribution in automatic mode.

Setting of fan speed regulation in automatic mode can be changed in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle**, in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Temperature preselection ▼▲

Set desired temperature by touching ▲ for higher temperatures or ▼ for lower temperatures.

Selected temperature is indicated in the panels. Using driver's side panel changes temperatures for both sides (when **SYNC** is selected), while using the passenger side panel changes only the passenger side temperature and turns off **SYNC**, (if selected before).

If the minimum temperature **Lo** is set, the climate control system runs at maximum cooling, if cooling **A/C** is switched on.

If the maximum temperature **Hi** is set, the climate control system runs at maximum heating.

Dual zone temperature synchronisation SYNC

Press **SYNC** to link passenger side temperature setting to the driver side. Activation is indicated by the LED in the button.

When passenger side settings will be adjusted, the LED extinguishes.

Demisting and defrosting the windows

- Press . Activation is indicated by the LED in the button.
- Temperature and air distribution are set automatically and the fan runs at high speed.
- Switch on heated rear window .
- To return to previous mode: press . To return to automatic mode: press **AUTO**.

Setting of automatic rear window heating based on cool outside temperatures can be changed in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Manual settings

Climate control system settings can be manually adapted by using the air distribution buttons and the fan speed controller as follows. Manual changing of settings will deactivate the automatic mode.

Fan speed ▼⌘▲

Touch ⌘▼ or ▲. The selected fan speed is indicated in the Info-Display for a short time.

If the fan is switched off, the air conditioning is also deactivated.

To return to automatic mode: Press **AUTO**.

Air distribution

Press appropriate button for desired adjustment. Activation is indicated by the LED in the button.

- = to windscreen and front door windows
- = to head area via adjustable air vents
- = to foot well

Combinations are possible.

Return to automatic air distribution: press **AUTO**.

Cooling A/C

Press **A/C** to switch on cooling. Activation is indicated by the LED in the button. Cooling is only functional when the engine is running and climate control fan is switched on.

Press **A/C** again to switch off cooling.

The air conditioning system cools and dehumidifies (dries) cabin air as required. Therefore condensation may form and is drained under the vehicle.

If no cooling or drying is required, switch off the cooling system for fuel saving reasons.

System ON/OFF ⏻

Cooling, fan and automatic mode can be switched off by pressing ⏻. When the system is deactivated, the LED in the button ⏻ is off.

Activation by pressing ⏻ or cooling button **A/C** or automatic mode button **AUTO**. Activation is indicated by the LED in the button.

Manual air recirculation

Press to activate air recirculation mode. Activation is indicated by the LED in the button.

⚠Warning

Driving in recirculation mode for a prolonged period of time can make you sleepy. Periodically turn to the outside air mode for fresh air.

The exchange of fresh air is reduced in air recirculation mode. In operation without cooling, the air humidity increases, so the windows may mist up. The quality of the passenger compartment air deteriorates and may cause the vehicle occupants to feel drowsy.

Press again to deactivate recirculation mode.

In warm and very humid ambient air conditions, the windscreen might mist up from outside, when cold air is directed to it. If windscreen mists up from outside, activate windscreen wiper and deactivate .

Automatic air recirculation

An air humidity sensor switches automatically to external air if internal air humidity is too high.

Basic settings

Some basic settings can be changed in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant settings in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ▷ 77.

Vehicle personalisation ▷ 80.

Air vents

Adjustable air vents

Front air vents

To open the vent, turn the adjuster wheel to ❙. Adjust the air amount at the vent outlet by turning the adjuster wheel.

Direct the flow of air by tilting and swivelling the slats.

To close the vent, turn the adjuster wheel to **0**.

Rear air vents

Air vents for rear passenger are in the centre console between the front seats.

⚠Warning

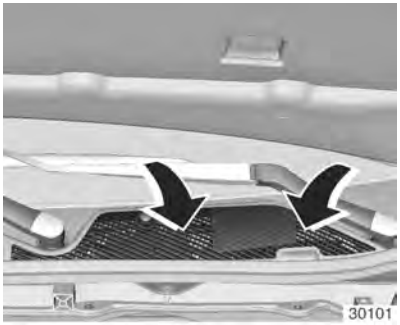
Do not attach any objects to the slats of the air vents. Risk of damage and injury in case of an accident.

Fixed air vents

Additional air vents are located beneath the windscreen and door windows and in the foot wells.

Maintenance

Air intake



The air intake in front of the windscreen in the engine compartment must be kept clear to allow air intake. Remove any leaves, dirt or snow.

Pollen filter

Cabin air filtration

A particle filter cleans the cabin air from dust, soot, pollen and spores.

Active carbon filter

In addition to the particle filter, the active carbon filter reduces odours.

Filter replacement must be carried out during a regular service.

Air conditioning regular operation

In order to ensure continuously efficient performance, it is recommended that air conditioning should be operated for a few minutes once a month, irrespective of the weather and time of year.

Service

For optimal cooling performance, it is recommended to have the climate control system checked annually by your Holden dealer:

- functionality and pressure test
- heating functionality
- leakage check
- check of drive belts
- cleaning of condenser and evaporator drainage
- performance check

Driving and operating

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Driving hints

Control of the vehicle

Never coast with engine not running

⚠ Danger

Many systems will not function in this situation (e.g. brake servo unit, power steering). Driving in this manner is a danger to yourself and others.

Pedals

To ensure the pedal travel is uninhibited, there must be no mats in the area of the pedals.

Steering

If power steering assist is lost because the engine stops or due to a system malfunction, the vehicle can be steered but may require increased effort.

Caution

If the steering wheel is turned until it reaches the end of its travel, and is held in that position for more than 15 seconds, damage may occur to the power steering system and there may be loss of power steering assist.

Ground clearance

Due to the reduced ground clearance, the vehicle can be damaged depending on the vehicle loading and appearance of the ground. Take special care and drive slowly on steep driveways, entry and exit of parking garages, high kerbs and uneven surfaces. If possible, drive diagonally with one wheel after another when running over kerbs or uneven surfaces.

Starting and operating

New vehicle running-in

Use the following precautions for the first few hundred kilometres to improve the performance and economy of your vehicle and add to its long life:

- Avoid full-throttle starts.
- Do not race the engine.
- Avoid hard stops except in emergencies. This will allow your brakes to bed in properly.
- Avoid quick starts, sudden accelerations, and prolonged high-speed driving in order to avoid damage to the engine and to conserve fuel.
- Avoid full-throttle acceleration in low gear.
- Do not tow any other vehicle.

During the running-in period fuel and engine oil consumption may be higher.

Power button

Electronic key must be inside the vehicle.

Accessory power mode: press **Engine Start/Stop** once without operating the brake pedal. The yellow LED in the button illuminates. Steering wheel lock is released and some electrical functions are operable, ignition is off.

Ignition on power mode: press and hold **Engine Start/Stop** for 6 seconds without operating the brake pedal. The green LED in the button illuminates. Control indicators light up and most electrical functions are operable.

Engine start: the brake pedal and press **Engine Start/Stop** once more. Release button after starting procedure begins.

Ignition off: press **Engine Start/Stop** briefly in each mode or when engine is running and vehicle is stationary. Some functions remain active until driver's door is opened, if ignition was on before.

Emergency shut off during driving: press **Engine Start/Stop** for longer than 2 seconds or press twice briefly within 5 seconds ⇨ 179.

Steering wheel lock

The steering wheel lock activates automatically when:

- The vehicle is stationary.
- The ignition has been switched off.
- The driver's door is opened.

To release steering wheel lock, open and close driver's door and switch on accessory mode or start the engine directly.

⚠Warning

If the vehicle battery is discharged, the vehicle must not be towed, tow-started or jump-started as the steering wheel lock cannot be disengaged.

Operation in case of failure

If either the electronic key fails or the battery of the electronic key is weak, the Driver Information Centre may display **No Remote Detected** or **Replace Battery in Remote Key** when you try to start the vehicle.

Open the centre console storage area by lifting up the armrest. Place the electronic key in the transmitter pocket. Depress brake pedal and press **Engine Start/Stop**.

To switch off the engine, press **Engine Start/Stop** again. Remove the electronic key from the transmitter pocket.

This option is intended for emergencies only. Replace the electronic key battery as soon as possible ⇨ 17.

For unlocking or locking the doors see fault in radio remote control unit or electronic key system ⇨ 18.

Retained power off

The following electronic systems can work until the driver's door is opened or for 10 minutes after the ignition is switched off:

- power windows
- power outlets

Starting the engine

Operate brake pedal and move selector lever to **P** or **N**.

Do not operate accelerator pedal.

Press and release **Engine Start/Stop**: an automatic procedure operates the starter with a short delay until the engine is running, see Automatic Starter Control.

Before restarting or to switch off the engine when vehicle is stationary, press **Engine Start/Stop** once more briefly.

Emergency shut off during driving

If the engine needs to be switched off during driving in case of emergency, press **Engine Start/Stop** for longer than 2 seconds or press twice briefly within 5 seconds.

⚠ Danger

Switching off the vehicle engine during driving may cause loss of power support of brake and steering systems. Assistance systems and airbag systems are disabled. Lighting and brake lights will extinguish. Therefore power down the engine and ignition while driving only in case of vehicle emergency.

Starting the vehicle at low temperatures

Starting the engine without additional heaters is possible down to -30 °C for petrol engines. Required is an engine oil with the correct viscosity, the correct fuel, performed services and a sufficiently charged vehicle battery. With temperatures below -30 °C the automatic transmission requires a warming phase of approx. 5 minutes. The selector lever must be in position **P**.

Automatic Starter Control

This function controls the engine starting procedure. The driver does not have to hold **Engine Start/Stop** pressed. Once applied, the system will go on starting automatically until the engine is running. Because of the checking procedure, the engine starts running after a short delay.

Possible reasons for a non-starting engine:

- Brake pedal not operated or selector lever not in **P** or **N**.
- Timeout occurred.

Turbo engine warm-up

Upon start-up, engine available torque may be limited for a short time, especially when the engine temperature is cold. The limitation is to allow the lubrication system to fully protect the engine.

Overrun cut-off

The fuel supply is automatically cut off during overrun, i.e. when the vehicle is driven with a gear engaged but accelerator is released.

Parking

⚠Warning

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply parking brake.

  Pull switch Ⓟ for approx. one second.

  The electric parking brake is applied when control indicator Ⓟ illuminates ⇨ 69.
- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, set the selector lever to position **P** before switching off ignition. On an uphill slope, turn the front wheels away from the kerb.

  If the vehicle is on a downhill slope, set the selector lever to position **P** before switching off ignition. Turn the front wheels towards the kerb.
- Switch off ignition, open driver's door and turn the steering wheel until the steering wheel lock is felt to engage.

Lock the vehicle and activate the anti-theft alarm system.

Note
In the event of an accident with airbag deployment, the engine is turned off automatically if the vehicle comes to a standstill within a certain time.

Engine exhaust

⚠Danger

Engine exhaust gases contain poisonous carbon monoxide, which is colourless and odourless and could be fatal if inhaled.

If exhaust gases enter the interior of the vehicle, open the windows. Have the cause of the fault rectified by your Holden Dealer.

Avoid driving with an open boot lid, otherwise exhaust gases could enter the vehicle.

Catalytic converter

The catalytic converter reduces the amount of harmful substances in the exhaust gases.

Caution

Fuel grades other than those listed on pages ⇨ 216, ⇨ 265 could damage the catalytic converter or electronic components.

Unburnt petrol will overheat and damage the catalytic converter. Therefore avoid excessive use of the starter, running the fuel tank dry and starting the engine by pushing or towing.

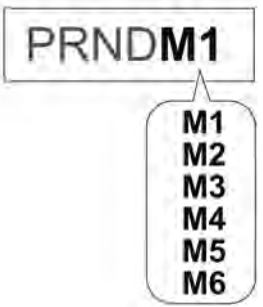
In the event of misfiring, uneven engine running, a reduction in engine performance or other unusual problems, have the cause of the fault rectified by a Holden dealer as soon as possible. In an emergency, driving can be continued for a short period, keeping vehicle speed and engine speed low.

Automatic transmission

The automatic transmission permits automatic gearshifting (automatic mode) or manual gearshifting (manual mode).

Manual shifting is possible in manual mode by tapping the selector lever or pulling the steering wheel paddles ⇨ 184.

Transmission display



The mode or selected gear is shown in the transmission display.

In automatic mode, the driving programme is indicated by **D** in the Driver Information Centre (DIC).

In manual mode, **M** and the number of the selected gear is indicated.

R indicates reverse gear.

N indicates neutral position.

P indicates park position.

Selector lever

P = park position, press release button, wheels are locked, engage only when the vehicle is stationary and parking brake is applied
R = reverse gear, press release button, engage only when vehicle is stationary
N = neutral
D = automatic mode
M = manual mode: move selector lever from **D** to the left.
+ = manual mode upshifting: move selector lever in position **M** and tap upwards
– = manual mode downshifting: move selector lever in position **M** and tap rearwards

The selector lever is locked in **P** and can only be moved when the ignition is on and the brake pedal is applied.

Without applied brake pedal the control indicator ⊘ illuminates.

If the selector lever is not in **P** when the ignition is switched off, control indicator ⊘ and **P** will flash.

To engage **P** or **R**, press the release button.

The engine can only be started with lever in position **P** or **N**. When position **N** is selected, press brake pedal or apply parking brake before starting.

Do not accelerate while engaging a gear. Never depress the accelerator pedal and brake pedal at the same time.

When a gear is engaged, the vehicle slowly begins to creep when the brake is released.

Engine braking

To utilise the engine braking effect, select a lower gear in good time when driving downhill, see manual mode.

Rocking the vehicle

Rocking the vehicle is only permissible if the vehicle is stuck in sand, mud or snow. Move the selector lever between **D** and **R** in a repeat pattern. Do not race the engine and avoid sudden acceleration.

Parking

Apply the parking brake and engage **P**.

The ignition key can only be removed when the selector lever is in position **P**.

Manual mode

Selector lever

Move selector lever out of position **D** towards the left to select manual mode.

Tap selector lever

forwards + = shift to a higher gear

backwards − = shift to a lower gear

The selected gear is indicated in the instrument cluster.

Steering wheel paddles

Move selector lever out of position **D** towards the left to select manual mode.

Pull steering wheel paddles to select gears manually

right paddle + = pull briefly to shift one gear up

left paddle − = pull briefly to shift one gear down, multiple pulls allows gears to be skipped

The selected gear is indicated in the instrument cluster.

Temporary manual mode in drive mode D

Manual paddle shifting is also possible in automatic mode **D**. Upon completion of manual shifting operation, transmission changes to automatic mode **D** after a defined time.

To interrupt manual mode do one of the following:

- Press + paddle for 1 second.
- Move selector lever towards the left to manual mode and back to position **D**.

If the vehicle is at a standstill and engine is idling, the transmission will remain in temporary manual mode. It changes to automatic mode when accelerator pedal is operated for a defined time and no paddle shifting at the steering wheel is performed.

General

If a higher gear is selected when vehicle speed is too low, or a lower gear when vehicle speed is too high, the shift is not executed. This can cause a message in the Driver Information Centre.

In manual mode, no automatic shifting to a higher gear takes place at high engine revolutions.

Gear shift indication

The symbol ▲ with a number below it is indicated when gearshifting is recommended for fuel saving reasons.

Shift indication appears only in manual mode.

Electronic driving programmes

- Following a cold start, the operating temperature programme increases engine speed to quickly bring the catalytic converter to the required temperature.
- The automatic neutral shift function automatically shifts to idling when the vehicle is stopped with a forward gear engaged and the brake pedal is pressed.
- When SPORT mode is engaged, the vehicle shifts at higher engine speeds (unless cruise control is on). SPORT mode ⇨ 191.
- Special programmes automatically adapt the shifting points when driving up inclines or down hills.
- When starting off in snowy or icy conditions or on other slippery surfaces, the electronic transmission control selects a higher gear automatically.

Kickdown

If the accelerator pedal is pressed down completely in automatic mode, the transmission shifts to a lower gear depending on engine speed.

Overheat protection

In the event of transmission-overheating due to high outside temperatures or sporty driving style, the torque and the maximum speed of the engine can be temporarily reduced.

Fault

In the event of a fault a vehicle message is displayed in the Driver Information Centre. Vehicle messages ⇨ 78.

The transmission no longer shifts automatically. Continued travel is possible with manual shifting.

Only the highest gear is available. Depending on the fault, 2nd gear may also be available in manual mode. Shift only when vehicle is stationary.

Have the cause of the fault remedied by a Holden dealer.

Interruption of power supply

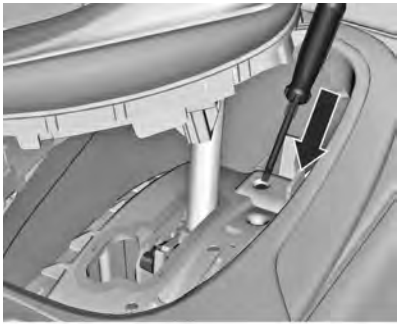
In the event of an interruption of power supply, the selector lever cannot be moved out of the **P** position.

If the vehicle battery is discharged, start the vehicle using jump leads ⇨ 252.

If the vehicle battery is not the cause of the fault, release the selector lever.

1. Apply parking brake.

2. Release selector lever trim from centre console at rear, fold upwards and rotate to the left.



3. Insert a screwdriver into the opening as far as it will go and move the selector lever out of **P** or **N**. If **P** or **N** is engaged again, the selector lever will be locked in position again. Have the cause of the power supply interruption remedied by a Holden dealer.
4. Mount the selector lever trim on the centre console and refit.

Drive systems

All-wheel drive

The All-wheel drive system enhances driving characteristics and stability, and helps to achieve the best possible driveability regardless of ground surface. The system is always active and cannot be deactivated.

The torque is distributed steplessly between the wheels of the front and rear axle, depending on the driving conditions. Additionally the torque between the rear wheels is distributed depending on the surface.

For optimum system performance, the vehicle's tyres should not have varying degrees of wear.

If a service message is displayed in the Driver Information Centre, the system may have limited functionality (or be completely disabled in some cases, i.e. the vehicle switches to Front-wheel drive). Seek the assistance of a Holden dealer.

Towing the vehicle ⇨ 254.

Brakes

The brake system comprises two independent brake circuits.

If a brake circuit fails, the vehicle can still be braked using the other brake circuit. However, braking effect is achieved only when the brake pedal is depressed firmly. Considerably more force is needed for this. The braking distance is extended. Seek the assistance of a Holden dealer before continuing your journey.

When the engine is not running, the support of the brake servo unit disappears once the brake pedal has been depressed once or twice. Braking effect is not reduced, but braking requires significantly greater force. It is especially important to bear this in mind when being towed.

Control indicator ⓘ ⇨ 69.

Antilock brake system

Antilock brake system (ABS) prevents the wheels from locking.

ABS starts to regulate brake pressure as soon as a wheel shows a tendency to lock. The vehicle remains steerable, even during hard braking.

ABS control is made apparent through a pulse in the brake pedal and the noise of the regulation process.

For optimum braking, keep the brake pedal fully depressed throughout the braking process, despite the fact that the pedal is pulsating. Do not reduce the pressure on the pedal.

After starting off, the system performs a self-test which may be audible.

Control indicator (ABS) ⇨ 69.

Adaptive brake light

During full braking, all three brake lights flash for the duration of ABS control.

Fault

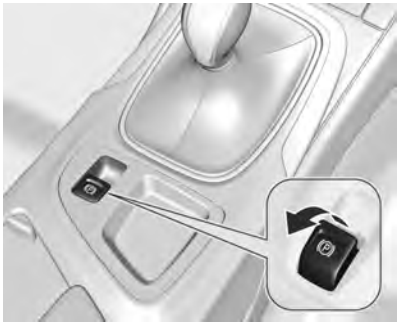
⚠Warning

If there is a fault in the ABS, the wheels may be liable to lock due to braking that is heavier than normal. The advantages of ABS are no longer available. During hard braking, the vehicle can no longer be steered and may swerve.

Have the cause of the fault remedied by a Holden dealer.

Parking brake

Electric parking brake



Applying when vehicle is stationary

Pull switch Ⓟ for approx.
one second, the electric parking brake operates automatically with an adequate force. For maximum force, e.g. parking with trailer or on inclines, pull switch Ⓟ twice.

The electric parking brake is applied when control indicator Ⓟ lights up ⇨ 69.

The electric parking brake can always be activated, even if the ignition is off.

Do not operate electric parking brake system too often without engine running as this will discharge the vehicle battery.

Before leaving the vehicle, check the electric parking brake status. Control indicator Ⓟ ⇨ 69.

Releasing

Switch on ignition. Keep foot brake pedal depressed and then push switch Ⓟ.

Drive away function

Engaging drive gear and then depressing the accelerator pedal releases the electric parking brake automatically. This is not possible when the switch is pulled at the same time.

This function also helps driving away on inclines.

Aggressive drive away may reduce life time of wear parts.

Dynamic braking when vehicle is moving

When the vehicle is moving and the switch Ⓟ is kept pulled, the electric parking brake system will decelerate the vehicle, but will not apply statically.

As soon as the switch Ⓟ is released, dynamic braking will be stopped.

Automatic applying

If Adaptive cruise control is active, electric parking brake is applied automatically when vehicle is stopped by the system for more than 2 minutes.

Parking brake releases automatically after moving off.

Functionality check

When the vehicle is not moving, the electric parking brake might be applied automatically. This is done to check the system.

Fault

Failure mode of electric parking brake is indicated by a control indicator and by a vehicle message which is displayed in the Driver Information Centre. Vehicle messages ⇨ 78.

Apply electric parking brake: pull and hold the switch Ⓟ for more than 5 seconds. If control indicator Ⓟ illuminates, electric parking brake is applied.

Release electric parking brake: push and hold the switch Ⓟ for more than 2 seconds. If control indicator Ⓟ extinguishes, electric parking brake is released.

Control indicator Ⓟ flashes: electric parking brake is not fully applied or released. When continuously flashing, release electric parking brake and retry applying.

Brake assist

If brake pedal is depressed quickly and forcefully, maximum brake force is automatically applied.

Operation of brake assist might become apparent by a pulse in the brake pedal and a greater resistance when depressing the brake pedal.

Maintain steady pressure on the brake pedal as long as full braking is required. Maximum brake force is automatically reduced when brake pedal is released.

Hill start assist

The system helps prevent unintended movement when driving away on inclines.

When releasing the foot brake after stopping on an incline, brakes remain on for further two seconds. Brakes release automatically as soon as the vehicle begins to accelerate.

Ride control systems

Traction Control system

The Traction Control system (TC) is a component of the Electronic Stability Control.

TC improves driving stability when necessary, regardless of the type of road surface or tyre grip, by preventing the drive wheels from spinning.

As soon as the drive wheels starts to spin, engine output is reduced and the wheel spinning the most is braked individually. This considerably improves the driving stability of the vehicle on slippery road surfaces.

TC is operational as soon as the control indicator extinguishes.

When TC operates flashes.

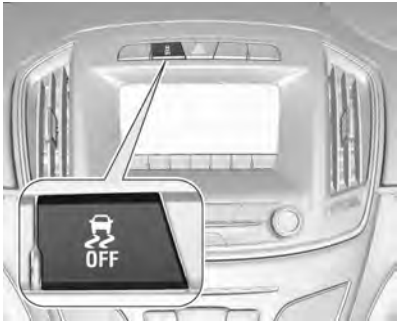
⚠Warning

Do not let this special safety feature tempt you into taking risks when driving.

Adapt speed to the road conditions.

Control indicator ⛐ ⇨ 70.

Deactivation



TC can be switched off when spinning of drive wheels is required:

press ⛐ briefly to deactivate TC, ⍉ illuminates. Deactivation is displayed as status message in the Driver Information Centre.

Control indicator ⍉ illuminates.

TC is reactivated by pressing ⛐ again.

TC is also reactivated the next time the ignition is switched on.

Electronic Stability Control

Electronic Stability Control (ESC) improves driving stability when necessary, regardless of the type of road surface or tyre grip. It also prevents the drive wheels from spinning. ESC operates in combination with the Traction Control system (TC) ⇨ 189.

As soon as the vehicle starts to swerve (understeer/oversteer), engine output is reduced and the wheels are braked individually. This considerably improves the driving stability of the vehicle on slippery road surfaces.

ESC is operational as soon as the control indicator ⛐ extinguishes.

When ESC operates, control indicator ⛐ flashes.

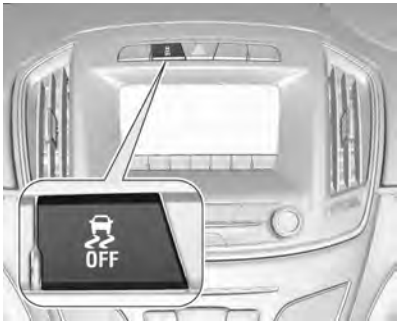
⚠Warning

Do not let this special safety feature tempt you into taking risks when driving.

Adapt speed to the road conditions.

Control indicator ⛐ ⇨ 70.

Deactivation



For a more sporty behaviour ESC and TC can be deactivated separately:

- Press briefly: only Traction control system is inactive, ESC remains active, illuminates.
- Hold pressed for min. 5 seconds: TC and ESC are deactivated, and illuminates.

Additionally the selected mode is displayed as a status message in the Driver Information Centre.

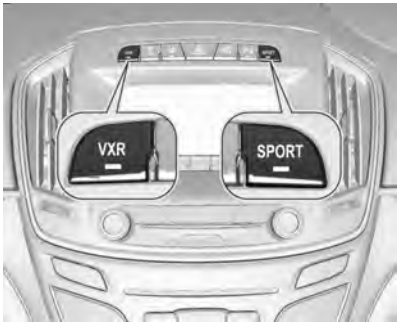
If the vehicle comes into threshold with deactivated ESC, the system will reactivate ESC for the time duration of the threshold, when the brake pedal is depressed once.

ESC is reactivated by pressing again. If the TC system was previously disabled, both TC and ESC are reactivated.

ESC is also reactivated the next time the ignition is switched on.

Interactive driving system

Flex Ride



VXR Flex Ride driving system allows the driver to select between three driving modes:

- VXR mode: press **VXR**, LED illuminates.
- SPORT mode: press **SPORT**, LED illuminates.
- NORMAL mode: neither **SPORT** nor **VXR** is pressed, no LED illuminates.

Deactivate SPORT mode and VXR mode by pressing corresponding button once more.

In each driving mode VXR Flex Ride networks the following electronic systems:

- Continuous Damping Control
- Accelerator Pedal Control
- Steering Control
- All-wheel drive
- Electronic Stability Control (ESC)
- Antilock Brake System (ABS) with cornering brake control (CBC)
- Automatic transmission

VXR mode

The drive dynamic characteristics are adapted to high performance settings.

Depending on the instrument cluster the colouring of the display will be adapted.

SPORT mode

The settings of the systems are adapted to a sportier driving style.

NORMAL mode

In NORMAL mode, when neither SPORT nor VXR is pressed, all settings of the systems are adapted to standard values.

Personalised settings in the VXR mode

The driver can select the functions of the VXR mode when **VXR** is pressed.

Select the relevant settings in **Settings**, ➧ **Sport Mode** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Driver assistance systems

⚠Warning

Driver assistance systems are developed to support the driver and not to replace the driver's attention.

The driver accepts full responsibility when driving the vehicle.

When using driver assistance systems, always take care regarding the current traffic situation.

Speed limiter

The speed limiter prevents the vehicle exceeding a preset maximum speed.

The maximum speed can be set at a speed above 25 km/h.

The driver can only accelerate up to the preset speed. Deviations from the limited speed may occur when driving downhill.

The preset speed limit is displayed in the Driver Information Centre when the system is active.

Activation

Press ⛐. The control indicator ⛐ in the instrument cluster illuminates white. If cruise control or adaptive cruise control has been activated before, it is switched off when speed limiter is activated and the control indicator ⛐ extinguishes.

Set speed limit

With speed limiter active, hold thumb wheel turned to **RES/+** or briefly turn to **RES/+** repeatedly until the desired maximum speed is displayed in the Driver Information Centre.

Alternatively accelerate to the desired speed and briefly turn thumb wheel to **SET/-**: the current speed is stored as maximum speed. Speed limit is displayed in the Driver Information Centre.

Control indicator ⛐ in the instrument cluster illuminates green.

Additionally the scale of the speedometer is only indicated up to the set speed limit. The speed limiter setting is marked by a green dot, it changes to white when the system is active but not engaged.

Change speed limit

With speed limiter active, turn thumb wheel to **RES/+** to increase or **SET/-** to decrease the desired maximum speed.

Exceeding the speed limit

In the event of an emergency it is possible to exceed the speed limit by depressing the accelerator pedal firmly beyond the point of resistance.

The limited speed will flash in the Driver Information Centre and a chime sounds during this period.

Release the accelerator pedal and the speed limiter function is reactivated once a speed lower than the limit speed is obtained.

Deactivation

Press ⛐: speed limiter is deactivated and the vehicle can be driven without speed limit.

The limited speed is stored and a corresponding message appears in the Driver Information Centre.

Resume limit speed

Turn thumb wheel to **RES/+**. The stored speed limit will be obtained.

Switching off

Press ⛭, the speed limit indication in the Driver Information Centre extinguishes. The stored speed is deleted.

By pressing ⛐ to activate adaptive cruise control or by switching off the ignition, speed limiter is also deactivated and the stored speed is deleted.

Adaptive cruise control

Adaptive cruise control (ACC) is an enhancement to traditional cruise control with the additional feature of maintaining a certain distance behind the vehicle ahead.

Adaptive cruise control automatically decelerates the vehicle when approaching a slower moving vehicle. It then adjusts the vehicle speed to follow the vehicle ahead at the selected following distance. The vehicle speed increases or decreases to follow the vehicle in front, but will not exceed the set speed. It may apply limited braking with activated brake lights.

The adaptive cruise control can store and maintain speeds over approx. 25 km/h. If following a vehicle ahead driving slower than 25 km/h the slower speed will be set. The system brakes to a stop.

It is the responsibility of the driver to comply with local posted speed limits.

Adaptive cruise control uses a radar sensor to detect the vehicles ahead. If no vehicle is detected in the driving path, the adaptive cruise control will behave like a traditional cruise control.

For safety reasons, the system cannot be activated before the brake pedal has been depressed once since switching on ignition.

Adaptive cruise control is mainly advised to be used on long straight roads like highways or country roads with steady traffic. Do not use the system if it is not advisable to maintain a constant speed.

Control indicator ⇨ 72, ⇨ 71.

⚠Warning

The complete driver attention is always required while driving with adaptive cruise control. The driver stays fully in control of the vehicle because the brake pedal, the accelerator pedal and the cancel switch have priority over any adaptive cruise control operation.

Switching on

Press to switch on adaptive cruise control. The control indicator or in the instrument cluster illuminates white.

Activation by setting the speed

Adaptive cruise control can be activated above 25 km/h.

It is the responsibility of the driver to comply with local posted speed limits.

Accelerate to the desired speed and turn thumb wheel to **SET/-**, the current speed is stored and maintained. Control indicator or in the instrument cluster illuminates green.

The adaptive cruise control symbol, the following distance setting and set speed are indicated in the Driver Information Centre.

The accelerator pedal can be released. Adaptive cruise control remains activated while gearshifting.

Overriding set speed

It is always possible to drive faster than the selected set speed by depressing the accelerator pedal. When the accelerator pedal is released, the vehicle returns to the desired distance if a slower vehicle is ahead. Otherwise it returns to the stored speed.

Once the system is activated, adaptive cruise control decelerates or brakes if it detects a vehicle ahead, which is slower or closer than the desired following distance.

⚠Warning

Accelerating by the driver deactivates braking by the system. This is indicated as a popup warning in the Driver Information centre.

Increase speed

With adaptive cruise control active, hold thumb wheel turned to RES/+: speed increases continuously in large increments, or activate repeatedly RES/+: speed increases in small increments.

If the vehicle is driven with adaptive cruise control active much faster than the desired speed, e.g. after depressing the accelerator pedal, then the current speed can be stored and maintained by turning the thumb wheel to SET/-.

Reduce speed

With adaptive cruise control active, hold thumb wheel turned to SET/-: speed decreases continuously in large increments, or activate repeatedly SET/-: speed decreases in small increments.

If the vehicle is driven with adaptive cruise control active much slower than the desired speed, e.g. because of a slower vehicle ahead, then the current speed can be stored and maintained by turning the thumb wheel to SET/-.

Resume stored speed

If the system is switched on but inactive, then turn thumb wheel to RES/+ at a speed above 25 km/h to resume the stored speed.

Full speed range adaptive cruise control

Full speed range adaptive cruise control will maintain a following gap behind a detected vehicle and slow your vehicle to a stop behind that vehicle.

When the vehicle ahead drives away within two minutes, turn thumb wheel to RES/+ or operate the accelerator pedal to a speed of 10 km/h to resume full speed range adaptive cruise control.

If the stopped vehicle ahead begins to move forward and full speed range adaptive cruise control has not resumed, the green illuminated vehicle ahead control indicator will flash and a warning chime will sound as a reminder that the vehicle ahead is pulling away.

When the vehicle ahead stops for more than two minutes, the electric parking brake will apply automatically and the full speed range adaptive cruise control is deactivated. In this event, drive the vehicle normally by operating the accelerator pedal. Turn thumb wheel to RES/+ at a speed above 10 km/h to resume full speed range adaptive cruise control.

⚠Warning

When full speed range adaptive cruise control is deactivated or cancelled, the vehicle will no longer be held at a stop and can start to move. Always be prepared to manually apply the brake to hold the vehicle stationary.

Do not leave the vehicle while it is being held at a stop by the full speed range adaptive cruise control. Always move selector lever to park position **P** and switch off the ignition before leaving the vehicle.

Setting the following distance

When adaptive cruise control detects a slower moving vehicle in the driving path, it will adjust the vehicle speed to maintain the following distance selected by the driver.

The following distance can be set to near, medium or far.

Press ⛐, the current setting is shown in the Driver Information Centre. Press ⛐ again to change the following distance. The setting is also displayed in the Driver Information Centre.

The selected following distance is indicated by filled distance bars in the adaptive cruise control page.

Note that the following distance setting is shared with the sensitivity setting of forward collision alert ⇨ 201.

Example: If setting 3 (far) is selected, then the driver is warned sooner before a possible collision, also if adaptive cruise control is inactive or switched off.

⚠Warning

The driver accepts full responsibility for the appropriate following distance based on traffic, weather and visibility conditions. Following distance must be adjusted or the system switched off when required by the prevailing conditions.

Detecting the vehicle ahead

The green illuminated vehicle ahead control indicator 🚘 is displayed when the system detects a vehicle in the driving path.

Forward collision alert ⇨ 201.

If this symbol does not display, or displays briefly, adaptive cruise control will not respond to vehicles ahead.

Deactivation

Adaptive cruise control is deactivated by the driver when:

- is pressed.
- Brake pedal is applied.
- Gear selector lever of automatic transmission is moved to **N**.

The system is also automatically deactivated when:

- Vehicle speed accelerates above 190 km/h or slows down to a stop without deactivating within two minutes).
- The Traction Control system is operating.
- The Electronic Stability Control is operating.
- There is no traffic and nothing detected on the road sides for several minutes. In this case there are no radar echoes and the sensor may report that it is blocked.
- The collision imminent braking system is applying the brakes.
- The radar sensor is blocked by an ice or water film.
- A fault is detected in the radar, engine or brake system.

Additionally the system is automatically deactivated when:

- The electric parking brake is applied.
- The vehicle is being held to a stop by the system for more than two minutes.
- The vehicle stops, the driver safety belt is released and the driver's door is opened.

When adaptive cruise control is deactivated automatically, the control indicator or illuminates white and a warning message is displayed as a pop-up in the Driver Information Centre.

The stored speed is maintained.

⚠Warning

When adaptive cruise control is deactivated, the driver must take over full brake and engine control.

Switching off

Press to switch off adaptive cruise control. The control indicator or extinguishes. The stored speed is deleted.

Switching off the ignition also switches off adaptive cruise control and deletes the stored speed.

Driver's attention

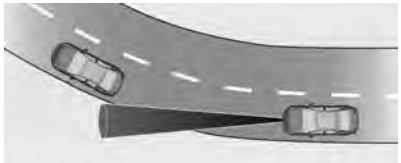
- Use adaptive cruise control carefully on bends or mountain roads, as it can lose the vehicle ahead and need time to detect it again.

- Do not use the system on slippery roads as it can create rapid changes in tyre traction (wheel spinning), so that you could lose control of the vehicle.
- Do not use adaptive cruise control during rain, snow or heavy dirt, as the radar sensor can be covered by a water film, dust, ice or snow. This reduces or suppresses completely the visibility. In case of sensor blockage, clean the sensor cover.

System limits

- The system's automatic brake force does not permit hard braking and the braking level may not be sufficient to avoid a collision.
- After a sudden lane change, the system needs a certain time to detect the next preceding vehicle. So if a new vehicle is detected, the system may accelerate instead of braking.
- Adaptive cruise control does ignore the oncoming traffic.
- Adaptive cruise control does not brake for pedestrians, animals, very slow speed driving or stopped vehicles.
- Don't use adaptive cruise control when towing a trailer.

Bends



The adaptive cruise control calculates a predicted path based on the centrifugal force. This predicted path considers the current bend characteristic, but cannot consider a future bend change. The system may lose the current vehicle ahead or consider a vehicle which is not in the actual lane. This can happen when entering or exiting a bend or if the bend gets stronger or weaker. If it no longer detects any vehicle ahead, then control indicator will extinguish.

If the centrifugal force is too high in a bend, the system slows down the vehicle slightly. This braking level is not designed to avoid spinning-off the bend. The driver is responsible for reducing the selected speed before entering a bend and in general to adapt the speed to the road type and to existing speed limits.

Motorways

On motorways, adapt the set speed to the situation and the weather. Always consider that adaptive cruise control has a limited visibility range, a limited braking level and a certain reaction time to verify if a vehicle is on the driving path or not. Adaptive cruise control may not be able to brake the vehicle in time to avoid a collision with a much slower vehicle or after a lane change. This is

particularly true if driving fast or if the visibility is reduced due to weather conditions.

While entering or exiting a motorway, adaptive cruise control may lose the vehicle ahead and accelerate up to the set speed. For this reason, decrease the set speed before the exit or before the entry.

Vehicle path changes

If another vehicle enters your driving path, adaptive cruise control will first consider the vehicle when it is completely in your path. Be ready to take action and press the brake pedal, if you need to brake more quickly.

Hill and trailer considerations

System performance on hills depends on vehicle speed, vehicle load, traffic conditions and the road gradient. It may not detect a vehicle in your path while driving on hills. On steep hills, you may have to use the accelerator pedal to maintain your vehicle speed. When going downhill you may have to brake to maintain or reduce your speed.

Note that applying the brake deactivates the system. It is not recommended to use adaptive cruise control on steep hills.

Radar unit

The radar unit is mounted behind the radiator grille below the brand emblem.

⚠Warning

The radar unit was aligned carefully during manufacture. Therefore, after a frontal accident, do not use the system. The front bumper may appear to be intact, however the sensor behind can be out of position and react incorrectly. After an accident,

consult a Holden dealer to verify and correct the adaptive cruise control sensor position.

Settings

Settings can be changed in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Fault

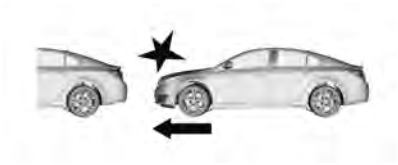
If the adaptive cruise control does not work due to temporary conditions (e.g. blockage by ice) or if there is a permanent system error, then a message is displayed in the Driver Information Centre.

Vehicle messages ⇨ 78.

Forward collision alert

The forward collision alert can help to avoid or reduce the harm caused by front-end crashes.

A vehicle ahead is indicated by a control indicator .



If a vehicle directly ahead is approached too quickly, a warning chime and alert in the Driver Information Centre is provided.

A precondition is that forward collision alert is not deactivated in the vehicle personalisation menu ⇨ 80.

The system uses the radar sensor behind the radiator grille to detect a vehicle directly ahead, in your path, within a distance of max. 150 metres.

Activation

Forward collision alert operates automatically above walking speed, provided that **Auto Collision Preparation** setting is not deactivated in the vehicle personalisation menu ⇨ 80.

Selecting the alert sensitivity

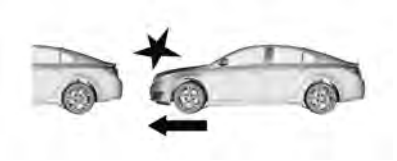
The alert sensitivity can be set to near, medium or far.

Press , the current setting is shown in the Driver Information Centre. Press again to change the alert sensitivity. The setting is also displayed in the Driver Information Centre.

Note that the alert timing sensitivity setting is shared with the following distance setting of the adaptive cruise control ⇨ 194. So changing the alert timing sensitivity changes the adaptive cruise control following distance setting.

Alerting the driver

A green illuminated vehicle ahead control indicator lights up in the instrument cluster when the system has detected a vehicle in the driving path. The control indicator changes to yellow when the distance to a preceding moving vehicle gets too small or when approaching another vehicle too rapidly.



If a collision is imminent the collision alert symbol pops-up in the Driver Information Centre and a warning chime sounds. Depress the brake pedal, if it is required by the situation.

Settings

Settings can be changed in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

General information

⚠Warning

Forward collision alert is just a warning system and does not apply the brakes. When approaching a vehicle ahead too rapidly, it may not provide you enough time to avoid a collision.

The driver accepts full responsibility for the appropriate following distance based on traffic, weather and visibility conditions.

The complete attention of the driver is always required while driving. The driver must always be ready to take action and apply the brakes.

System limitations

The system is designed to warn only for vehicles, but may react also to other metallic objects.

In the following cases, forward collision alert may not detect a vehicle ahead or sensor performance may be limited:

- on winding roads
- when weather limits visibility, e.g. fog, rain, or snow
- when the sensor is blocked by snow, ice, slush, mud, dirt, or windscreen damage

Following distance indication

The following distance indication displays the distance to a preceding moving vehicle. The system uses the radar behind the radiator grille to detect the distance of a vehicle directly ahead in your lane. It is active at speeds above 40 km/h.

When a preceding vehicle is detected ahead, the distance is indicated in seconds, displayed on a page in the Driver Information Centre ⇨ 72.

Select **Info** menu and press ∨ to select **Following distance indication** ⇨ 72.

The minimum indicated distance is 0.5 seconds.

If there is no vehicle ahead or the vehicle ahead is out of range, two dashes will be displayed: -.- s.

If Adaptive cruise control is active, this page shows the following distance setting instead ⇨ 194.

Active Emergency Braking

Active emergency braking can help to reduce the damage from crashes with vehicles and obstacles directly ahead, when a collision can no longer be avoided either by manual braking or by steering. Before the active emergency braking applies, the driver is warned by the forward collision alert ⇨ 201.

The feature uses various inputs (e.g. radar sensor, brake pressure, vehicle speed) to calculate the probability of a frontal collision.

Active emergency braking operates automatically above walking speed, provided that **Auto Collision Preparation** setting is not deactivated in the vehicle personalisation menu ⇨ 80.

The system includes:

- **brake preparation system**
- **emergency automatic braking**
- **forward looking brake assist**

⚠Warning

This system is not intended to replace the driver responsibility for driving the vehicle and looking ahead. Its function is limited to supplemental use only. The driver must continue to apply the brake pedal as the driving situation dictates.

Brake preparation system

When approaching a vehicle ahead so quickly that a collision is likely, the brake preparation system slightly pressurises the brakes. This reduces the response time, when a manual or automatic braking is requested.

The brake system is prepared so that braking can occur more rapidly.

Emergency automatic braking

After the brake preparation and just before the imminent collision, this function automatically applies limited braking to reduce the impact speed of the collision.

Below a speed of 18 km/h the system can apply full braking.

Forward looking brake assist

In addition to the brake preparation system and emergency automatic braking, the forward looking brake assist function makes the brake assist more sensitive. Therefore, depressing the brake pedal less strongly results in immediate hard braking. This function helps the driver brake quicker and harder before the imminent collision.

⚠Warning

Active emergency braking is not designed to apply hard autonomous braking or to automatically avoid a collision. It is designed to reduce the vehicle speed before a collision. It may not react for stopped vehicles, pedestrians or animals. After a

sudden lane change, the system needs a certain time to detect the next preceding vehicle.

The complete attention of the driver is always required while driving. The driver shall always be ready to take action and apply the brakes and steer to avoid collisions. The system is designed to work with all occupants wearing their seat belts.

System limitations

The active emergency braking has limited or no function during rain, snow or heavy dirt, as the radar sensor can be covered by a water film, dust, ice or snow. In case of sensor blockage, clean the sensor cover.

In some cases, the active emergency braking system may provide an automatic braking in situations that seem to be unnecessary, for instance in parking garages, due to traffic signs in a curve or due to vehicles in another lane. This is normal operation, the vehicle does not need service. Firmly apply the accelerator pedal to override the automatic braking.

Settings

Settings can be changed in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Fault

In the event of a system service requirement, a message is displayed in the Driver Information Centre.

If the system does not work as it should do, vehicle messages are displayed in the Driver Information Centre.

Vehicle messages ⇨ 78.

Parking assist

⚠Warning

The driver bears full responsibility for the parking manoeuvre.

Always check the surrounding area when driving backwards or forwards while using parking assist system.

Front-rear parking assist

The front-rear parking assist measures the distance between the vehicle and obstacles in front and behind the vehicle. The system gives acoustic signals and display messages.

The system has four ultrasonic parking sensors each in the rear and front bumper.

It uses two different acoustic warning signals for the front and rear monitoring areas, each with a different tone frequency. The signal for front obstacles sounds via the front speakers, for rear obstacles it sounds from the rear of the vehicle.

Activation

When reverse gear is engaged, the front and rear parking assist is ready to operate.

The front parking assist is also activated automatically at a speed up to 11 km/h.

An illuminated LED in the parking assist button P indicates that the system is ready to operate.

If the vehicle exceeds a speed of 11 km/h, the front parking assist is deactivated. The front parking assist is always reactivated when vehicle speed drops below 11 km/h.

Indication

The system warns the driver with acoustic signals against potentially hazardous obstacles behind and in front of the vehicle. Depending on which side of the vehicle is closer to an obstacle, you will hear acoustic

warning signals on the respective side of the vehicle. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.

Additionally, the distance to obstacles is shown in the Driver Information Centre ⇨ 72.

The distance to a front and rear obstacle is indicated by changing distance lines around the vehicle.

Rear obstacles are indicated acoustically and visually at the same time.

Front obstacles are indicated visually first. At distances less than 80 cm an acoustic signal also sounds.

The distance indication in the Driver Information Centre can be inhibited by vehicle messages with a higher priority. After approving the message by pressing ✔ on right steering wheel control, distance indication appears again.

Deactivation

The rear parking assist automatically switches off when reverse gear is disengaged.

The front parking assist is deactivated automatically at a speed above 11 km/h.

Manual deactivation is possible by pressing the parking assist button P briefly.

When the system is deactivated, the LED in the button extinguishes.

Additionally, **Park Assist Off** pops-up in the Driver Information Centre when the system is deactivated manually.

After a manual deactivation, the front parking assist is activated again if the parking assist button P is pressed or if reverse gear is engaged.

Fault
In the event of a fault in the system or if the system does not work due to temporary conditions, e.g. ice covered sensors, a message is displayed in the Driver Information Centre.

Vehicle messages ⇨ 78.

Important hints for using the parking assist system

⚠Warning

Under certain circumstances, various reflective surfaces on objects or clothing as well as external noise sources may cause the system to fail to detect obstacles.

Special attention must be paid to low obstacles which can damage the lower part of the bumper.

Caution

Performance of the system can be reduced when sensors are covered, e.g. by ice or snow.

Performance of the parking assist system can be reduced due to heavy loading.

Special conditions apply if there are taller vehicles in the vicinity (e.g. off-road vehicles, mini vans, vans). Object identification and correct distance indication in the upper part of these vehicles cannot be guaranteed.

Objects with a very small reflection cross-section, e.g. objects of narrow size or soft materials, may not be detected by the system.

Parking assist systems do not detect objects outside the detection range.

Note
The parking assist system automatically detects factory-fitted towing equipment. It is deactivated when the connector is plugged in.

It is possible that the sensor detects a non-existing object (echo disturbance) caused by external acoustical or mechanic disturbances.

Side blind spot alert

The side blind spot alert system detects and reports objects on either side of the vehicle, within a specified "blind spot" zone. The system alerts visually in each exterior mirror, when detecting objects that may not be visible in the interior and exterior mirrors.

The system's sensors are located in the bumper on the left and right side of the vehicle.

⚠Warning

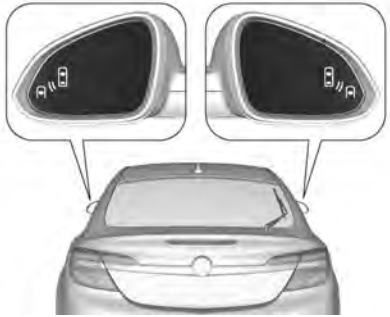
Side blind spot alert does not replace driver vision.

The system does not detect:

- vehicles outside the side blind zones which may be rapidly approaching
- pedestrians, cyclists or animals

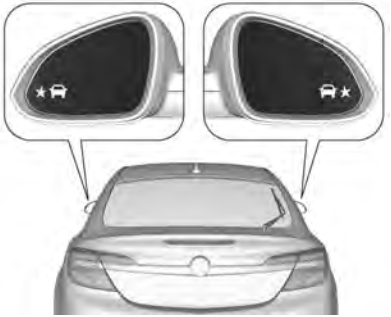
Before changing a lane, always check all mirrors, look over the shoulder and use the turn signal.

When the system detects a vehicle in the side blind zone while driving forward, either while passing a vehicle or being passed, the amber warning symbol will illuminate in the relevant exterior mirror. If the driver then activates the turn signal, the warning symbol starts flashing amber as a warning not to change lanes.



When the vehicle is started, both exterior mirror displays will briefly come on to indicate that the system is operating.

If the vehicle is equipped with lane change alert ⇨ 210, the symbol ★🚗 is displayed in the mirrors.



The system can be activated or deactivated in the vehicle personalisation.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Deactivation is indicated by a message in the Driver Information Centre (DIC).

Detection zones

The system sensor covers a zone of approx. 3.5 metres on both sides of the vehicle. This zone starts at each

exterior mirror and extends rearwards by approx. 3 metres. The height of the zone is approx. between 0.5 metres and 2 metres off the ground.

The system is deactivated if the vehicle is towing a trailer.

Side blind spot alert is designed to ignore stationary objects such as guardrails, posts, curbs, walls and beams. Parked vehicles or oncoming vehicles are not detected.

Fault

Occasional missed alerts can occur under normal circumstances.

Side blind spot alert does not operate when the left or right corners of the rear bumper are covered with mud, dirt, snow, ice, slush, or in heavy rainstorms. Cleaning instructions ⇨ 256.

In the event of a fault in the system or if the system does not work due to temporary conditions, a message is displayed in the Driver Information Centre (DIC). Seek the assistance of a Holden dealer.

Lane change alert

Additional to the side blind spot alert ⇨ 208, lane change alert recognises rapidly approaching vehicles from behind on parallel lanes next to your vehicle.

If the vehicle is equipped with lane change alert, side blind spot alert is always included.

The system alerts visually in each exterior mirror when detecting rapidly approaching vehicles from behind.

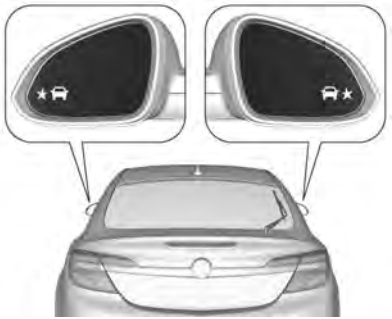
The radar distance sensors are located in the rear bumper.

⚠Warning

Lane change alert does not replace driver vision.

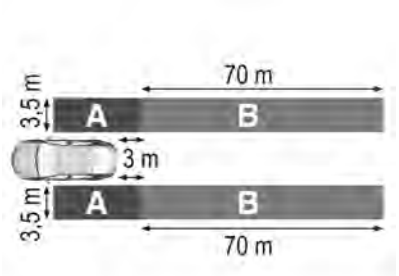
Before changing a lane, always check all mirrors, look over the shoulder and use the turn signal.

When the system detects an approaching vehicle from behind which drives considerably faster, the amber warning symbol ✶🚗 will illuminate in the relevant exterior mirror. If the driver then activates the turn signal, the warning symbol ✶🚗 starts flashing amber as a warning not to change lanes.



When the vehicle is started, both exterior mirror displays will briefly come on to indicate that the system is operating.

Detection zones



The system sensors cover a zone of approx. 3.5 metres parallel on both vehicle sides and approx. 3 metres rearwards on side blind zone alert **(A)** and approx. 70 metres rearwards on lane change alert **(B)** on parallel lanes. The zones start at each exterior mirror. The height of the zone is approx. between 0.5 metres and 2 metres off the ground.

Deactivation

Activation or deactivation of the lane change alert can be set in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

The system is deactivated if the vehicle is towing a trailer.

Deactivation is indicated by a message in the Driver Information Centre (DIC).

Note

After production, the system requires a calibration. For optimal performance, drive as soon as possible on a straight highway road with roadside objects, e.g. guardrails and barriers for some distance.

Fault

Occasional missed alerts can occur under normal circumstances or in sharp curves. Otherwise the system may light up due to guardrails, signs, trees, shrubs or other immobile objects. This is normal operation and the system does not need to be serviced.

Lane change alert may not operate when the left or right corners of the rear bumper are covered with mud, dirt, snow, ice or slush. Cleaning instructions ⇨ 256.

In the event of a fault in the system or if the system does not work due to temporary conditions, a message is displayed in the Driver Information Centre (DIC). Seek the assistance of a Holden dealer.

Rear view camera

The rear view camera assists the driver when reversing, by displaying a view of the area behind the vehicle.

The view of the camera is displayed in the Colour-Info-Display.

⚠Warning

The rear view camera does not replace driver vision. Note that objects that are outside the camera's field of view and the advanced parking assist sensors, e.g. below the bumper or underneath the vehicle, are not displayed.

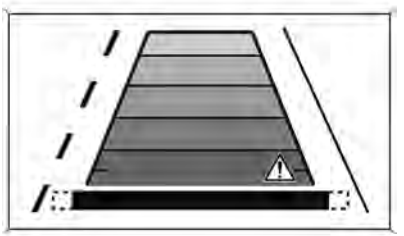
Do not reverse the vehicle by only looking at the Info-Display and check the surrounding behind and around the vehicle before reversing.

Activation

Rear view camera is automatically activated when reverse gear is engaged.

Functionality

The camera is mounted between the number plate lights and has a viewing angle of 130°.

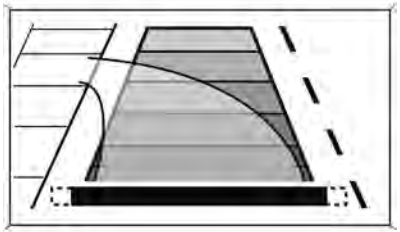


Due to the high position of the camera the rear bumper can be seen on the display as a guide to position.

The area displayed by the camera is limited. The distance of the image that appears on the display differs from the actual distance.

Guiding lines

Dynamic guiding lines are horizontal lines in 1 metre intervals projected on the picture to define the distance to shown objects.



Trajectory lane of the vehicle is shown in accordance with the steering angle.

The function can be deactivated in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Warning symbols

Warning symbols are indicated as triangles ⚠on the picture which show obstacles detected by the rear sensors of the advanced parking assist.

Additionally ⚠appears on the top line of the Info-Display with the warning to check the vehicle surrounding.

Deactivation

The camera is deactivated when a certain forward speed is exceeded or if reverse gear is not engaged for approx. 10 seconds.

Activation or deactivation of the rear view camera can be set in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Fault

Fault messages are displayed with a ⚠on the top line of the Info-Display.

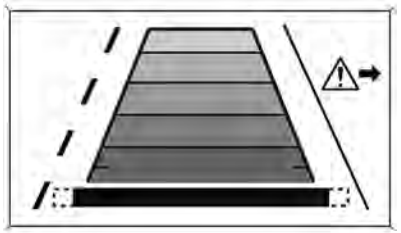
The rear view camera may not operate properly when:

- The surrounding is dark.
- The sun or the beam of headlights is shining directly into the camera lens.
- Ice, snow, mud, or anything else covers the camera lens. Clean the lens, rinse it with water, and wipe it with a soft cloth.
- The boot lid is not closed correctly.
- The vehicle is towing a trailer.
- The vehicle had a rear end accident.
- There are extreme temperature changes.

Rear cross traffic alert

Additional to the rear view camera ⇨ 211, rear cross traffic alert warns of cross traffic from left or right side when driving rearwards. When cross traffic is recognised and the rear view camera is activated, a warning triangle with a direction arrow ⚠➙ appears on the Colour-Info-Display,

showing the direction of the traffic. Furthermore three beeps will sound from the speaker on the respective side.



The radar distance sensors are located sideways in the rear bumper.

⚠Warning

The rear cross traffic alert does not replace driver vision. Note that objects that are outside sensors, e.g. below the bumper or underneath the vehicle, are not displayed.

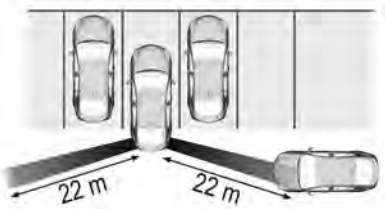
Pedestrians, children or animals are not detected.

Do not reverse the vehicle by only looking at the Info-Display and check the surrounding behind and around the vehicle before reversing.

Activation

Rear cross traffic alert is automatically activated together with the rear view camera when reverse gear is engaged.

Detection zones



The system sensors cover a zone of approx. 20 metres to the left or right side behind the vehicle.

Deactivation

Rear cross traffic alert is deactivated together with the rear view camera when a certain forward speed is exceeded or if reverse gear is not engaged for approx. 10 seconds.

Activation or deactivation of the rear cross traffic alert can be set in the vehicle personalisation menu in the Colour-Info-Display.

Select the relevant setting in **Settings**, ➧ **Vehicle** in the Colour-Info-Display.

Colour-Info-Display ⇨ 77.

Vehicle personalisation ⇨ 80.

Fault

The system may not operate properly when:

- Ice, snow, mud, or anything else covers the sensors.
- The vehicle is towing a trailer.

- The vehicle had a rear end accident.
- There are extreme temperature changes.

Lane departure warning

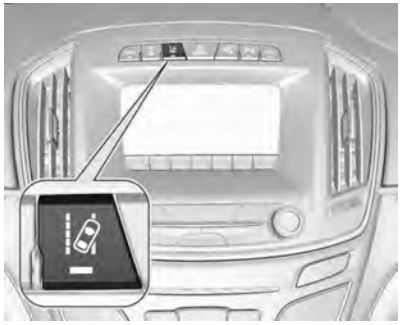
The lane departure warning system observes the lane markings between which the vehicle is driving, via a front camera. The system detects lane changes and warns the driver in the event of an unintended lane change by visual and acoustic signals.

Criteria for the detection of an unintended lane change are:

- No operation of turn signals.
- No brake pedal operation.
- No active accelerator operation or speeding-up.
- No active steering.

If the driver is active, no warning will be issued.

Activation



The lane departure warning system is activated by pressing ⛐. The illuminated LED in the button indicates that the system is switched on. When the control indicator ⛐ in the instrument cluster illuminates green, the system is ready to operate.

The system is only operable at vehicle speeds above 56 km/h and if lane markings are available.

When the system recognises an unintended lane change, the control indicator ⛐ changes to yellow and flashes. Simultaneously a chime sound is activated.

Deactivation

The system is deactivated by pressing ⛐; the LED in the button extinguishes.

At speeds below 56 km/h the system is inoperable.

Fault

The lane departure warning system may not operate properly when:

- The windscreen is not clean.
- There are adverse environmental conditions, e.g. heavy rain, snow, direct sunlight or shadows.

The system cannot operate when no lane marking is detected.

Fuel

Fuel for petrol engines

Use clean, unleaded petrol of 95 Research Octane Number (RON) or higher.

Use of Premium unleaded petrol (98 RON) is recommended. The use of higher octane fuel may result in improved performance.

The use of unleaded 91 RON petrol is possible only for short periods ⇨ 265.

Purchasing your fuel from a reputable fuel retailer may reduce the risk of purchasing fuel which contains abnormal fuel properties.

Caution

Use of fuel with too low an octane rating could lead to uncontrolled combustion and engine damage.

Equivalent standardised fuels with an ethanol content of max. 10% by volume may be used.

⚠Warning

Under no circumstances should you use fuel containing more than 10% ethanol. Use of such fuels may result in engine malfunction, starting and operating difficulties, and materials degradation. These adverse effects could result in permanent damage to your vehicle and the risk of personal injury. Purchasing your fuel from a reputable fuel retailer may reduce the risk of purchasing fuel with more than 10% ethanol or fuel which contains abnormal fuel properties.

Refuelling

⚠Danger

Before refuelling, switch off engine and mobile phones.

Follow the operating and safety instructions of the filling station when refuelling.

⚠Danger

Fuel is flammable and explosive. No smoking. No naked flames or sparks.

If you can smell fuel in your vehicle, have the cause of this remedied immediately by your Holden Dealer.

Fuel filler flap is located at right rear side of vehicle.

The fuel filler flap can only be opened if the vehicle is unlocked. Release the fuel filler flap by pushing the flap.

To open, turn the cap slowly anticlockwise.

The fuel filler cap can be retained in the bracket on the fuel filler flap.

To refuel, fully insert the pump nozzle and switch it on.

After the automatic cut-off, the tank can be topped-up with a maximum two doses of fuel.

Caution

Wipe off any overflowing fuel immediately.

To close, turn the fuel filler cap clockwise until it clicks.

Close the flap and latch.

Fuel filler cap

Only use genuine fuel filler caps.

Trailer hitch

General information

The word 'Trailer' is used throughout this section and is intended to include all types of towed vehicles, such as a caravan, boat trailer or any other special purpose trailer.

The vehicle is designed primarily as a passenger vehicle, so handling, durability and economy may be affected by towing a trailer. Your Holden Dealer will help supply and install towing equipment to suit your requirements.

Trailer towing ⇨ 219.

Trailer towing

Overloading

Never exceed the loads given for the towing equipment fitted to the vehicle. For your safety and the vehicle's durability, all mandatory equipment must be fitted. Otherwise you may void the New Vehicle Warranty, to the extent that Holden considers the overloading or missing equipment to have affected the specifications or quality of the vehicle.

Maximum towing capacities (kg)

Engine	Transmission	Type	Caravan/Trailer
Petrol (2.8L)	Automatic transmission	With brake	1200
		Without brake	750

Mandatory equipment: Holden 1200 kg rated towbar and Holden trailer wiring harness.

⚠Warning

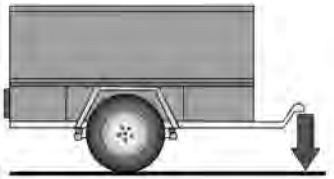
Holden towing equipment is recommended where it is available. Where it is not available, no recommendation is made as to the make of equipment to be used. Holden will not accept liability for defects occurring in inappropriate towing equipment or for defects in the vehicle arising from the use of such equipment or for loss or injury caused by use of such equipment.

The use of inappropriate equipment may void your New Vehicle Warranty to the extent that Holden considers the overloading or missing equipment to have affected the specifications or quality of your vehicle.

Towing with Electronic Stability Control (ESC)

You may hear noise from the ESC modulator when it is working. The ESC is reacting to the vehicle movement caused by the trailer, which mainly occurs during cornering. This is considered normal when towing heavier trailers.

Recommended procedure for attaching a trailer



When a trailer is hitched to the vehicle, it places a weight on the tow bar. This weight is called the 'tow ball load'.

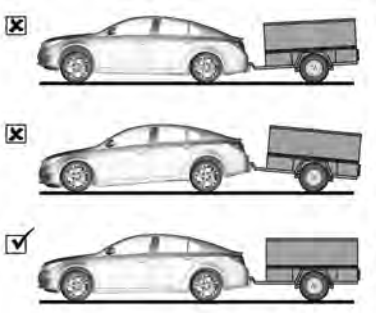
If the tow ball load is too light or too heavy, the steering and handling of the vehicle may be affected.

As a general guideline, for single axle trailers, the ball load should be approximately 10% of the loaded trailer mass. For heavy trailers with more than one axle, the ball load should be in the range of 5% - 10% of the loaded trailer mass.

Note
The tow ball load should not exceed 85 kg.

The tow ball load can be adjusted by correctly packing the contents of the trailer. For example, by moving items forwards or backwards within the trailer so as to change the balance of the trailer.

Check the tow ball load before coupling the trailer to the towing vehicle.



If the attitude of the vehicle is compromised, adjust the vehicle and trailer load within the specifications to improve the attitude. If the vehicle attitude cannot be corrected, use a load distribution hitch.

Note

At no time may the maximum towing capacity exceed the maximum specified. Refer to Maximum towing capacity previously in this chapter.

At no time may the total rear axle load exceed the maximums specified. Refer to Loading the vehicle previously in this chapter.

Towing precautions

- When heavily loading your vehicle or when towing, your tyres should be inflated to the maximum recommended pressure. Refer to tyre pressure placard and information about tyre pressures ⇨ 268.
- Tighten the tow ball retaining nut to 140 Nm (Newton Meters) and check the torque frequently.
- Vehicles handle differently when towing. It is a good idea to make a couple of short distance trips with the trailer before setting off on a longer journey.
- Have your vehicle correctly maintained and serviced.

- Have the trailer maintained and serviced, with particular attention to the condition of the brakes, tyres, suspension, wheel bearings, lighting and the tow coupling.
- Use extended-arm rear view mirrors on both sides of the vehicle if necessary.
- Headlamps may need realignment after the loaded trailer has been hitched.
- Use a lower gear and the brakes, when descending steep hills.
- Do not use axle-mounted hitches as this will damage the vehicle.
- Ensure that no part of the tow bar (including the tongue or tow ball) obscures the vehicle's licence plate. If necessary, remove the tow bar tongue when it is not in use.
- If a tow bar is removed: Ensure to have any mounting holes in the underbody properly sealed to prevent the possible entry to exhaust fumes, dust and water.

Trailer brakes

- Trailer brakes are mandatory on trailers weighing 750 kg and over when loaded. The brakes on the trailer must be designed to cope with the braking requirements of the trailer under all towing conditions, without adversely affecting the brakes on the vehicle.
- Contact the appropriate regulatory body in your State or Territory for the legal requirements of trailer brakes.

Fitting accessories (bull bar, driving lamps, insect screens etc.)

When fitting accessories, take care not to restrict airflow through the air conditioner condenser and the radiator, otherwise engine overheating and/or poor air conditioning performance may result.

The mass of all accessories must be considered when evaluating the vehicle's overall loaded condition.

Remember that bull bars may affect airbag operation.

Running in before towing

Holden recommends that you drive your new vehicle for at least 1,500 km before towing. If you must tow in the first 1,500 km of the vehicle's life, do not exceed 80 km/h.

The same applies if the vehicle is equipped with a new or reconditioned engine, transmission or axle.

Vehicle maintenance

More frequent vehicle maintenance is required when using the vehicle for towing. Refer to the Service/warranty booklet in the vehicle's glovebox.

Trailer stability assist

If the system detects snaking movements, engine power is reduced and the vehicle/trailer combination is selectively braked until the snaking ceases. While system is working keep steering wheel as still as possible.

Trailer stability assistant (TSA) is a function of the Electronic Stability Control ⇨ 190.

Vehicle care

General Information 225
Vehicle checks 226
Bulb replacement 234
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Vehicle tools 245
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Towing 254
Appearance care 256

General Information

Accessories and vehicle modifications

We recommend to use genuine parts and accessories and factory approved parts specific for your vehicle type. We cannot assess or guarantee reliability of other products - even if they have a regulatory or otherwise granted approval.

Do not make any modifications to the electrical system, e.g. changes of electronic control units (chip tuning).

Caution
When transporting the vehicle, e.g. on a recovery vehicle, take care to ensure any fitted accessories are not damaged.

Vehicle storage

Storage for a long period of time

If the vehicle is to be stored for several months:

- Wash and wax the vehicle.
- Have the wax in the engine compartment and underbody checked.
- Clean and preserve rubber seals.
- Fill up fuel tank completely.
- Change engine oil.
- Drain washer fluid reservoir.
- Check coolant antifreeze and corrosion protection.
- Adjust tyre pressure to the value specified for full load.
- Park vehicle in dry, well ventilated place. Set selector lever to **P**. Prevent the vehicle from rolling.
- Do not apply parking brake.

- Open bonnet, close all doors and lock the vehicle.
- Disconnect the clamp from the negative terminal of the vehicle battery. Beware that all systems are not functional, e.g. anti-theft alarm system.

Putting back into operation

When the vehicle is to be put back into operation:

- Connect the clamp to the negative terminal of the vehicle battery. Activate the electronics of the power windows.
- Check tyre pressure.
- Fill up the washer fluid reservoir.
- Check the engine oil level.
- Check the coolant level.
- Fit the number plate if necessary.

Vehicle checks

Performing work

⚠Warning

Only perform engine compartment checks when the ignition is off.

The cooling fan may start operating even if the ignition is off.

⚠Danger

The ignition system and Xenon headlights use extremely high voltage. Do not touch.

Bonnet

Opening

Pull the release lever and return it to its original position.

Move the safety catch sideways to the left vehicle side and open the bonnet.

The bonnet is held open automatically.

Air intake ⇨ 175.

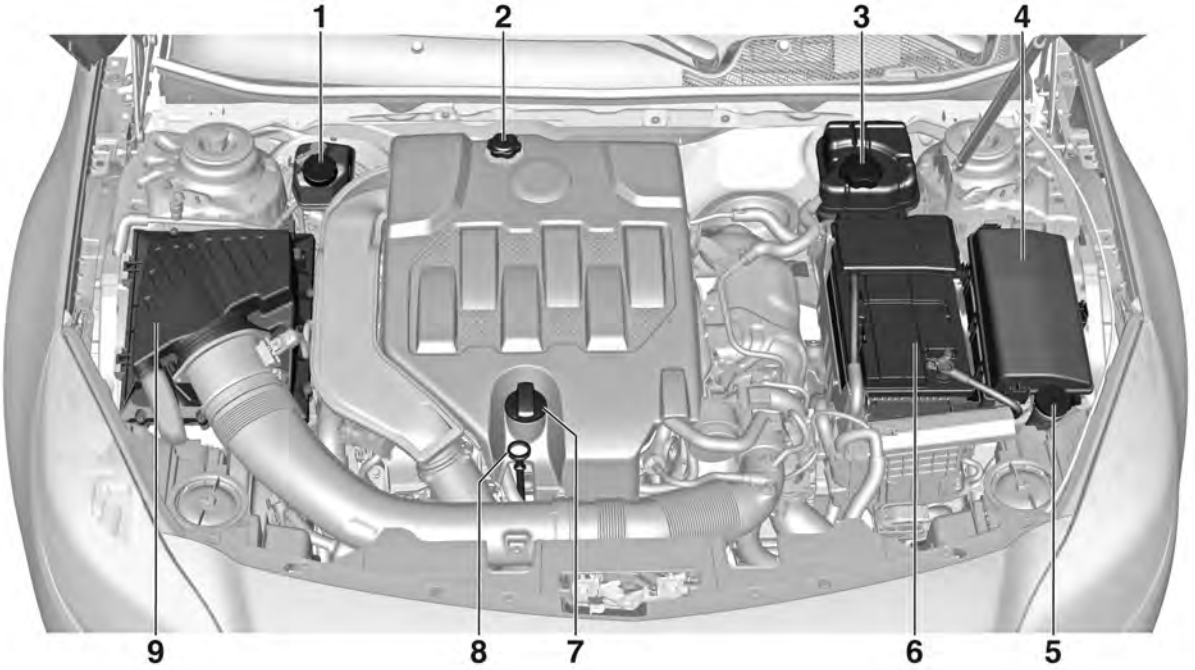
Closing

Lower the bonnet and allow it to fall into the latch from a low height (20-25 cm). Check that the bonnet is engaged.

Caution
Do not press the bonnet into the latch, to avoid dents.

Engine compartment overview

2.8L Petrol engine



1. Brake fluid container ⇨ 232
2. Power steering fluid container ⇨ 231
3. Engine coolant container ⇨ 230
4. Fuse box ⇨ 240
5. Washer fluid container ⇨ 231
6. Vehicle battery ⇨ 232
7. Engine oil cap ⇨ 229
8. Dipstick for engine oil level ⇨ 229
9. Engine air filter ⇨ 230

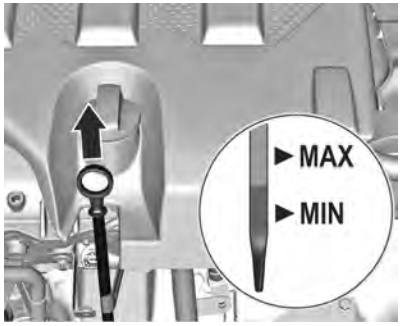
Engine oil

Check the engine oil manually on a regular basis to prevent damage to the engine. Ensure that the correct specification of oil is used. Recommended fluids and lubricants ⇨ 259.

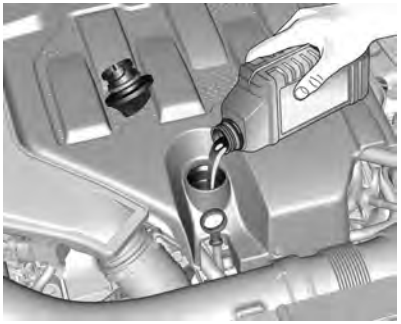
Check with the vehicle on a level surface. The engine must be at operating temperature and switched off for at least 5 minutes.

Pull out the dipstick, wipe it clean, insert it to the stop on the handle, pull out and read the engine oil level.

Insert dipstick to the stop on the handle and make half a turn.



When the engine oil level has dropped to the **MIN** mark, top up engine oil.



We recommend the use of the same grade of engine oil that was used at last change.

The engine oil level must not exceed the **MAX** mark on the dipstick.

Caution
Overfilled engine oil must be drained or suctioned out.

Capacities ⇨ 268, Engine oil quality/ viscosity ⇨ 259.

Fit the cap on straight and tighten it.

Engine air filter

To replace engine air filter unscrew 6 screws and remove air filter housing.

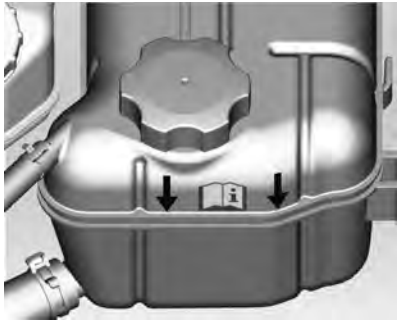
Engine coolant

The coolant provides freeze protection down to approx. -28 °C.

Caution
Only use approved antifreeze.

Coolant level

Caution
Too low a coolant level can cause engine damage.



If the cooling system is cold, the coolant level should be above the filling line mark. Top up if the level is low.

On another version the filling line mark is inside the filler opening. To check open the cap.

General

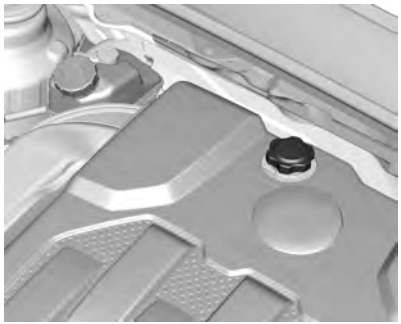
⚠Warning
Allow the engine to cool before opening the cap. Carefully open the cap, relieving the pressure slowly.

Top up with the recommended coolant ⇨ 259. If no coolant is available, temporarily use clean tap water or distilled water. Install the cap

tightly. Have the antifreeze concentration checked and have the cause of the coolant loss remedied by a Holden dealer.

Power steering fluid

Caution
Extremely small amounts of contamination can cause steering system damage and cause it to not work properly. Do not allow contaminants to contact the fluid side of the reservoir cap/dipstick or from entering the reservoir.



Power steering fluid level normally does not have to be checked. If an unusual noise sounds during steering or the power steering reacts conspicuous seek the assistance of a Holden dealer.

Washer fluid

Fill with clean water mixed with a suitable quantity of windscreen washer solution.

Brakes

In the event of minimum thickness of the brake lining, a squealing noise sounds during braking.

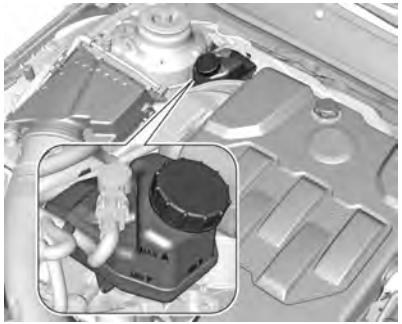
Continued driving is possible but have the brake lining replaced as soon as possible.

Once new brake linings are installed, do not brake unnecessarily hard for the first few journeys.

Brake fluid

⚠Warning

Brake fluid is poisonous and corrosive. Avoid contact with eyes, skin, fabrics and painted surfaces.



The brake fluid level must be between the **MIN** and the **MAX** marks.

If fluid level is below **MIN** seek the assistance of a Holden dealer.

Brake fluid ⇨ 259.

Vehicle battery

Vehicles without stop-start system will be equipped with a lead acid battery. Vehicles with stop-start system will be equipped with an AGM battery which is not a lead acid battery.

The vehicle battery is maintenance-free provided that the driving profile allows sufficient charging of the battery. Short-distance-driving and frequent engine starts can discharge the battery. Avoid the use of unnecessary electrical consumers.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

Laying up the vehicle for more than 4 weeks can lead to vehicle battery discharge. Disconnect the clamp from the negative terminal of the vehicle battery.

Ensure the ignition is switched off before connecting or disconnecting the vehicle battery.

The anti-theft alarm siren must be deactivated as follows: Switch the ignition on then off, disconnect the vehicle's battery within 15 seconds.

Battery discharge protection ⇨ 92.

Replacing the vehicle battery

Note

Any deviation from the instructions given in this paragraph may lead to a temporary deactivation of the stop-start system.

When the battery is being replaced, please ensure that there are no open ventilation holes in the vicinity of the positive terminal. If a ventilation hole is open in this area, it must be closed off with a dummy cap, and the ventilation in the vicinity of the negative terminal must be opened.

Only use vehicle batteries that allow the fuse box to be mounted above the battery.

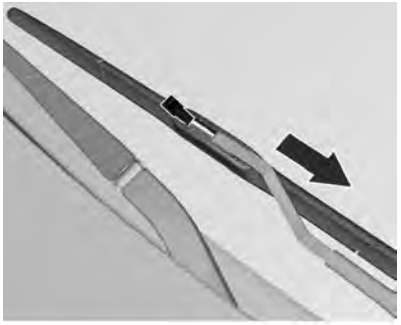
Warning label

Meaning of symbols:

- No sparks, naked flames or smoking.
- Always shield eyes. Explosive gases can cause blindness or injury.
- Keep the vehicle battery out of reach of children.
- The vehicle battery contains sulphuric acid which could cause blindness or serious burn injuries.
- See the Owner's Manual for further information.
- Explosive gas may be present in the vicinity of the vehicle battery.

Wiper blade replacement

Lift the wiper arm and open the retaining clip.



Disengage the wiper blade and remove.

Attach the wiper blade slightly angled to the wiper arm and push until it engages.

Lower wiper arm carefully.

Bulb replacement

Switch off the ignition and switch off the relevant switch or close the doors.

Only hold a new bulb at the base. Do not touch the bulb glass with bare hands.

Use only the same bulb type for replacement.

Replace headlight bulbs from within the engine compartment.

Bulb check

After a bulb replacement switch on the ignition, operate and check the lights.

Xenon headlights

⚠ Danger

Adaptive forward lighting system uses Xenon headlights.

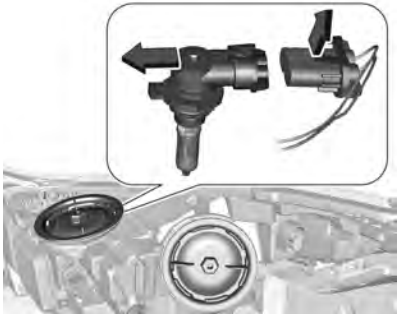
Xenon headlights work under extremely high electrical voltage. Do not touch. Have bulbs replaced by a Holden dealer.

Parking light/Daytime running lights are designed as Light Emitting Diodes (LEDs) and cannot be changed.

Corner lighting

1. Rotate the cap anticlockwise and remove it.

2. Rotate the bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector.



3. Disengage the bulb from the plug connector by unlatching and pulling.
4. Replace the bulb and connect bulb holder with the plug connector.
5. Insert the bulb holder, engaging the two lugs into the reflector and rotate clockwise to secure.
6. Fit the cap and rotate clockwise.

Front turn signal

1. Rotate the cap anticlockwise and remove it.

2. Rotate the bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector.

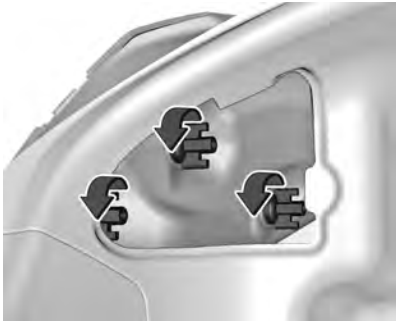
3. Disengage the bulb holder from the plug connector by unlatching and pulling.
4. Replace the bulb and connect bulb holder with the plug.
5. Insert the bulb holder, engaging the two lugs into the reflector and rotate clockwise to secure.

Sidelight/Daytime running light

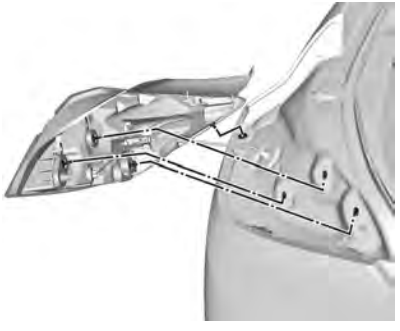
Sidelight and daytime running lights are designed as LEDs. In case of failure, have LEDs replaced by a Holden dealer.

Tail lights

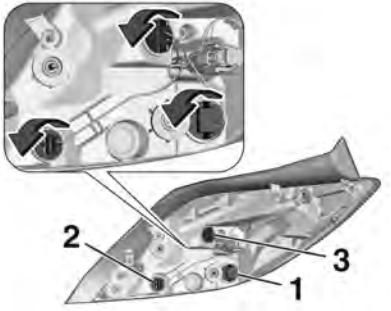
1. Remove cover from the inside of the load compartment.



2. Unscrew three plastic securing nuts from the inside by hand.



3. Carefully withdraw the light assembly from the recesses and remove.



4. Turn bulb holder anticlockwise and remove. Replace bulb by withdrawing or turning:

   Turn signal light **1**

   Rear fog light **2**, only on driver side

   Reverse light **3**

   Tail light and brake light are designed as LEDs. In case of

failure, have LEDs replaced by a Holden dealer.

5. Insert bulb holder into the tail light assembly and turn clockwise. Fit light assembly with the retaining pins into the recesses of the vehicle body and tighten the securing nuts from the inside of the load compartment. Close cover.

Side turn signal lights

To replace bulb, remove lamp housing:

1. Slide lamp to its left side and remove with its right end.

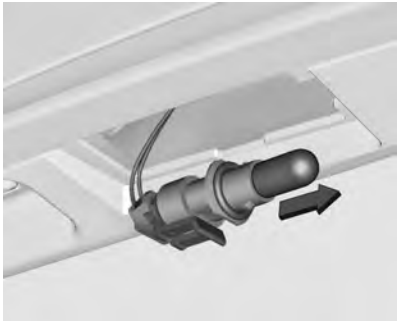
2. Turn bulb holder anticlockwise and remove from housing.

3. Pull bulb from bulb holder and replace it.
4. Insert bulb holder and turn clockwise.
5. Insert left end of the lamp, slide to the left and insert right end.

Number plate light

1. Insert screwdriver in bulb housing, press to the side and release spring.

2. Remove lamp downwards, taking care not to pull on the cable.



3. Remove bulb holder from lamp housing by turning anticlockwise.
4. Pull bulb from bulb holder and replace it.
5. Insert bulb holder into lamp housing and turn clockwise.
6. Insert lamp into bumper and let engage.

Interior lights

Courtesy light, reading lights

Have bulbs replaced by a Holden dealer.

Load compartment light

1. Prise the lamp out with a screwdriver.

2. Press bulb slightly towards spring clip and remove.
3. Insert new bulb.
4. Install lamp.

Instrument panel illumination

Have bulbs replaced by a Holden dealer.

Electrical system

Fuses

Data on the replacement fuse must match the data on the defective fuse.

There are three fuse boxes in the vehicle:

- In the front left of the engine compartment.
- Behind the glovebox.
- Behind a cover on the left side of the load compartment.

Before replacing a fuse, turn off the respective switch and the ignition.

There are different kinds of fuses in the vehicle.

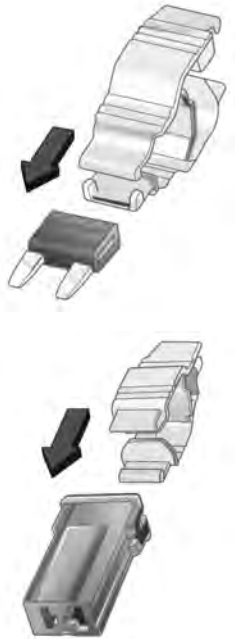
Depending on the type of fuse, a blown fuse can be recognised by its melted wire. Do not replace the fuse until the cause of the fault has been remedied.

Some functions are protected by several fuses.

Fuses may also be inserted without existence of a function.

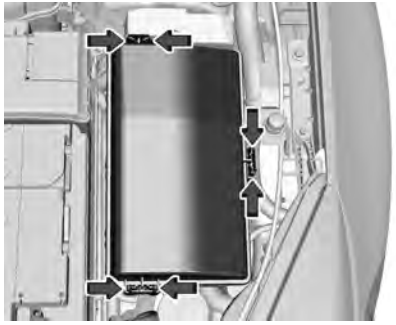
Fuse extractor

A fuse extractor may be located in the fuse box in the engine compartment.



Place the fuse extractor on the various types of fuse from the top or side, and withdraw fuse.

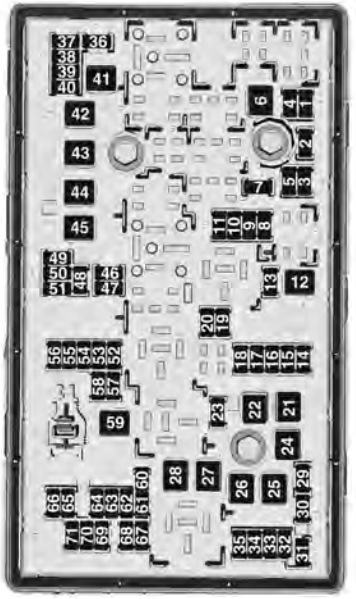
Engine compartment fuse box



The fuse box is in the front left of the engine compartment.

Disengage the cover, lift it upwards and remove.

Note
Not all fuses may be fitted.



No.	Circuit
1	Transmission control module
2	Engine control module
3	–
4	–
5	Ignition/Transmission control module/Engine control module
6	Windscreen wiper
7	–
8	Fuel injection/Ignition system
9	Fuel injection/Ignition system
10	Engine control module
11	Lambda probe
12	Starter
13	Sensor throttle heating
14	Lighting
15	Rear window wiper

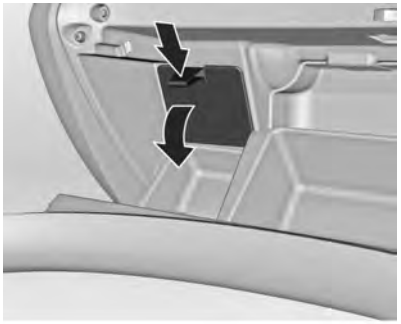
No.	Circuit
16	Vacuum pump/Mass air flow meter/Water in fuel sensor/DC transformer
17	–
18	Adaptive forward lighting
19	Adaptive forward lighting
20	Fuel pump
21	Rear power windows
22	ABS
23	Variable effort steering
24	Front power windows
25	Power outlets
26	ABS
27	Electric parking brake
28	Heated rear window
29	Left power seat
30	Right power seat
31	Air conditioning system
32	Body control module
33	Heated front seats
34	Sunroof
35	Infotainment system
36	–
37	Right high beam
38	Left high beam
39	–
40	–
41	Vacuum pump
42	Radiator fan
43	Vehicle battery/DC transformer (only on vehicles with stop-start system)
44	Headlamp washer system
45	Radiator fan
46	Terminal 87/Main relay
47	Lambda probe
48	Fog lights
49	Right low beam
50	Left low beam
51	Horn
52	Ignition
53	Ignition/Ventilated front seats
54	Ignition
55	Power windows/Mirror folding
56	Windscreen washer
57	–
58	–
59	Diesel fuel heating/Emission control system
60	Mirror heating
61	Mirror heating

No.	Circuit
62	–
63	Rear window sensor
64	Adaptive forward lighting
65	Auxiliary pump (only on vehicles with stop-start system)
66	Rear window washer system
67	Fuel system control module
68	–
69	Vehicle battery sensor
70	Rain sensor
71	Vehicle battery sensor

After changing of defective fuses close the fuse box cover and press until it engages.

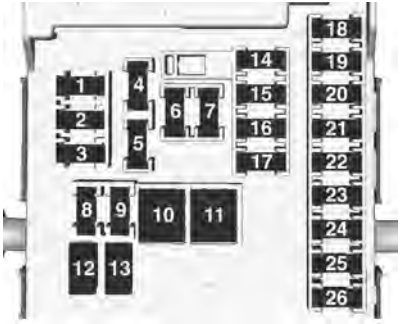
If the fuse box cover is not closed correctly, malfunctions may occur.

Instrument panel fuse box



The fuse box is located behind a cover in the glovebox. Open the glovebox and remove the cover.

Note
Not all fuses may be fitted.



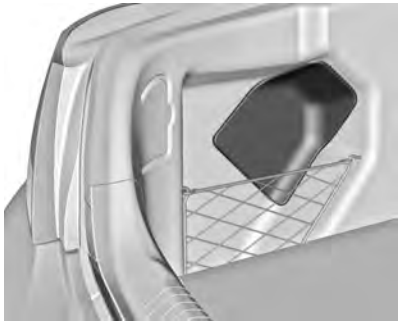
No.	Circuit
1	Infotainment system/Info display
2	Body control unit
3	Body control unit
4	Infotainment system/Info display
5	Infotainment system/Info display
6	Cigarette lighter
7	Power outlet

No.	Circuit
8	Body control unit
9	Body control unit
10	Body control unit
11	Interior fan
12	–
13	–
14	Diagnostic connector
15	Airbag
16	Central locking system
17	Air conditioning system/Tailgate
18	Transportation fuse
19	Memory
20	–
21	Instrument
22	Ignition
23	Body control unit
24	Body control unit

No.	Circuit
25	–
26	Power outlet load compartment

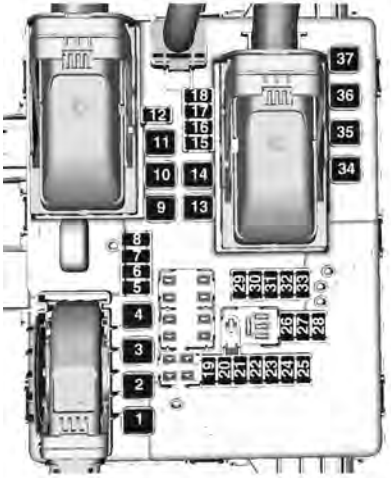
Power seats, No's. 12 and 13, have an overload protection. The circuit will be closed again after cooling down.

Load compartment fuse box



The fuse box is on the left side of the load compartment behind a cover. Remove the cover.

Note
Not all fuses may be fitted.



No.	Circuit
1	Central locking system/Power tailgate
2	Trailer module
3	–
4	–
5	Trailer socket
6	Steering wheel heating
7	Selective catalytic reduction system
8	Trailer socket
9	Sunroof
10	Central locking system/Tailgate
11	–
12	Selective catalytic reduction system
13	–
14	–
15	Power tailgate lock
16	Air conditioning system
17	Selective catalytic reduction system
18	Selective catalytic reduction system
19	Side obstacle detector
20	Side obstacle detector/Ventilated front seats
21	Active damping system/High beam assist/Cruise control/Traffic sign assistant/Lane departure warning/Trailer module
22	Anti-theft alarm system
23	All-wheel drive/Anti-theft alarm system
24	–
25	–
26	–
27	–
28	–
29	Trailer module/Transportation fuse
30	Side obstacle detector
31	–
32	–
33	–
34	Sunroof
35	–
36	–
37	–

Vehicle tools

Tools

The tools and the towing eye are located together with the tyre repair kit in a tool box below the floor cover in the load compartment.

Wheels and tyres

Tyre condition, wheel condition

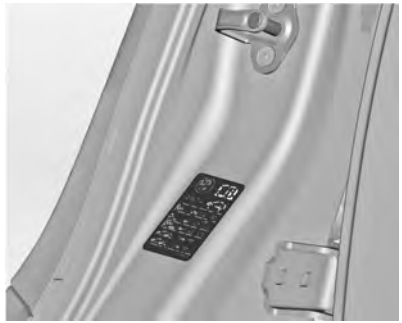
Drive over edges slowly and at right angles if possible. Driving over sharp edges can cause tyre and wheel damage. Do not trap tyres on the kerb when parking.

Regularly check the wheels for damage. Seek the assistance of a Holden dealer in the event of damage or unusual wear.

Tyre pressure

Check the pressure of cold tyres at least every 14 days and before any long journey. Do not forget the spare wheel. This also applies to vehicles with tyre pressure monitoring system.

Unscrew the valve cap.



Tyre pressure ⇨ 268.

Refer to the tyre pressure placard on the front left door frame. The tyre pressure data refers to cold tyres. Incorrect tyre pressures will impair safety, vehicle handling, comfort and fuel economy and will increase tyre wear.

The driver is responsible for correct adjustment of tyre pressure.

⚠Warning

If the pressure is too low, this can result in considerable tyre warm-up and internal damage, leading to tread separation and even to tyre blow-out at high speeds.

If the tyre pressure shall be reduced or increased on a vehicle with tyre pressure monitoring system, switch off ignition. After adjusting tyre pressure switch on ignition and select the according setting on the page **Tyre load** in the Driver Information Centre, ⇨ 72.

Tyre pressure monitoring system

The tyre pressure monitoring system checks the pressure of all four wheels once a minute when vehicle speed exceeds a certain limit.

Caution

Tyre pressure monitoring system warns just about low tyre pressure condition and does not replace regular tyre maintenance by the driver.

All wheels must be equipped with pressure sensors and the tyres must have the prescribed pressure.

Select the **Tyre pressure monitoring** page under the **Info** Menu in the Driver Information Centre ⇨ 72

System status and pressure warnings are displayed by a message with the corresponding tyre flashing in the Driver Information Centre.

A detected low tyre pressure condition is indicated by the control indicator (!) ⇨ 70.

If (!) lights up, stop as soon as possible and inflate the tyres as recommended ⇨ 268.

After inflating driving may be required to update the tyre pressure values in the Driver Information Centre. During this time (!) may light up.

If (!) lights up at lower temperatures and extinguishes after some driving, this could be an indicator for approaching a low tyre pressure condition. Check tyre pressure.

Vehicle messages ⇨ 78.

If the tyre pressure must be reduced or increased, switch off ignition.

Only mount wheels with pressure sensors, otherwise the tyre pressure will not be displayed and (!) illuminates continuously.

A spare wheel or temporary spare wheel is not equipped with pressure sensors. The tyre pressure monitoring system is not operational for these wheels. Control indicator (!) illuminates. For the further three wheels the system remains operational.

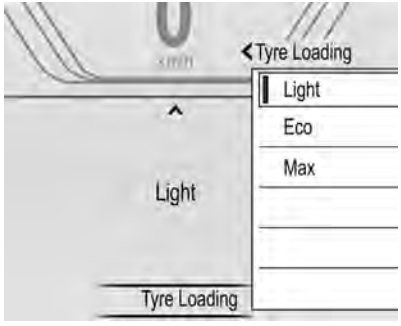
The use of commercially available liquid tyre repair kits can impair the function of the system. Factory approved repair kits can be used.

External high-power radio equipment could disrupt the tyre pressure monitoring system.

Each time the tyres are replaced tyre pressure monitoring system sensors must be dismounted and serviced. For the screwed sensor replace valve core and sealing ring, for clipped sensor replace complete valve stem.

Vehicle loading status

Adjust tyre pressure to load condition according tyre information label or tyre pressure chart ⇨ 268, and select the according setting in the **Tyre loading** page under the **Settings** menu in the Driver Information Centre ⇨ 72.



Select:

- **Light** for comfort pressure up to 3 people.
- **Eco** for Eco pressure up to 3 people.
- **Max** for full loading.

Auto learn function

After changing wheels the vehicle must be stationary for approx. 20 minutes, before the system recalculates. The following relearn process takes up to 10 minutes of driving with a minimum speed of 20 km/h. In this case – – can be displayed or pressure values can swap in the Driver Information Centre.

If problems occur during the relearn process, a warning message is displayed in the Driver Information Centre.

Temperature dependency

Tyre pressure depends on the temperature of the tyre. During driving tyre temperature and pressure increase.

The tyre pressure value displayed in the Driver Information Centre shows the actual tyre pressure. Therefore it is important to check tyre pressure with cold tyres.

Tread depth

Check tread depth at regular intervals.

Tyres should be replaced for safety reasons when

1. The tyres are worn to the point where the tread indicators as shown, appear or the cord or fabric is showing.
2. The tread or side wall is cut, split, or cracked deep enough to expose the cord or fabric.
3. The tyre has a bump or bulge in it, indicating some kind of internal damage.
4. The tyre has a puncture, cut or other damage which cannot be repaired because of the size or location of the damage. If in doubt about the extent of the damage to the tyre, have it removed from the wheel and examined by a tyre specialist.

The legally permissible minimum tread depth (1.6 mm) has been reached when the tread has worn down as far as one of the tread wear indicators (TWI). Their position is indicated by markings on the sidewall.

If there is more wear at the front than the rear, swap round front wheels and rear wheels periodically. Ensure that the direction of rotation of the wheels is the same as before.

Tyres age, even if they are not used. We recommend tyre replacement every 6 years.

Changing tyre and wheel size

If tyres of a different size than those fitted at the factory are used, it may be necessary to reprogramme the speedometer as well as the nominal tyre pressure and make other vehicle modifications.

After converting to a different tyre size, have the label with tyre pressures replaced.

⚠Warning

Use of unsuitable tyres or wheels may lead to accidents and will invalidate the vehicle type approval.

Wheel caps

Tyres of size 245/35 R20 have a specific wheel cap. To remove the cap from the dismantled wheel first disengage the arms one by one. Then press the cap in the middle area from behind and remove it.

To assemble first adjust the wheel cap in order that the positioning leg fits into the recess.

Tyre chains

⚠Warning

Do not use tyre chains. There is not enough clearance. Tyre chains used on a vehicle without the proper amount of clearance can cause damage to the brakes, suspension, or other vehicle parts. The area damaged by the tyre chains could cause loss of control and a crash. Use another type of traction device only if its manufacturer recommends it for the vehicle's tyre size combination and road conditions.

Follow that manufacturer's instructions. To avoid vehicle damage, drive slow and readjust or remove the traction device if it contacts the vehicle. Do not spin the wheels. If traction devices are used, install them on the front tyres.

Tyre repair kit

Minor damage to the tyre tread can be repaired with the tyre repair kit.

Do not remove foreign bodies from the tyres.

Tyre damage exceeding 4 mm or that is in the tyre's side wall cannot be repaired with the tyre repair kit.

⚠Warning

Do not drive faster than 80 km/h.

Do not use for a lengthy period.

Steering and handling may be affected.

If you have a flat tyre:

Apply the parking brake and engage first gear, reverse gear or **P**.

The tyre repair kit is in a compartment under the floor cover in the load compartment.

1. Take the tyre repair kit from the compartment.
2. Remove the compressor.

3. Remove the electrical connection cable and air hose from the stowage compartments on the underside of the compressor.

4. Screw the compressor air hose to the connection on the sealant bottle.
5. Fit the sealant bottle into the retainer on the compressor.

   Set the compressor near the tyre in such a way that the sealant bottle is upright.

6. Unscrew valve cap from defective tyre.
7. Screw the filler hose to the tyre valve.
8. The switch on the compressor must be set to O.
9. Connect the compressor plug to the power outlet.

   To avoid discharging the battery, we recommend running the engine.

10. Set the rocker switch on the compressor to I. The tyre is filled with sealant.
11. The compressor pressure gauge briefly indicates up to 6 bar whilst the sealant bottle is emptying (approx. 30 seconds). Then the pressure starts to drop.
12. All of the sealant is pumped into the tyre. Then the tyre is inflated.

13. The prescribed tyre pressure should be obtained within 10 minutes. Tyre pressure ⇨ 268. When the correct pressure is obtained, switch off the compressor.

⚠Warning

If the recommended pressure cannot be reached after approximately 10 minutes, the vehicle should not be driven. The tyre is too severly damaged and the tyre sealant and air compressor kit cannot inflate the tyre. Disconnect and stow the tyre sealant and air compressor kit back in its original position. Contact a Holden Dealer.

Drain excess tyre pressure with the button over the pressure indicator.

Do not run the compressor longer than 10 minutes.

14. Detach the tyre repair kit. Push catch on bracket to remove sealant bottle from bracket. Screw tyre inflation hose to the free connection of sealant bottle. This prevents sealant from escaping. Stow tyre repair kit in load compartment.
15. Remove any excess sealant using a cloth.
16. Take the label indicating maximum permitted speed from the sealant bottle and affix in the driver's field of view.
17. Continue driving immediately so that sealant is evenly distributed in the tyre. After driving approx. 10 km (but no more than 10 minutes), stop and check tyre pressure. Screw compressor air hose directly onto tyre valve and compressor when doing this.

If tyre pressure is more than 1.3 bar, set it to the correct value. Repeat the procedure until there is no more loss of pressure.

If the tyre pressure has fallen below 1.3 bar, the vehicle must not be used. Seek the assistance of a Holden dealer.

18. Stow away tyre repair kit in load compartment.

Note
The driving characteristics of the repaired tyre is severely affected, therefore have this tyre replaced.

If unusual noise is heard or the compressor becomes hot, turn compressor off for at least 30 minutes.

The built-in safety valve opens at a pressure of 7 bar.

Note the expiry date of the kit. After this date its sealing capability is no longer guaranteed. Pay attention to storage information on sealant bottle.

Replace the used sealant bottle. Dispose of the bottle as prescribed by applicable laws.

The compressor and sealant can be used from approx. -30 °C.

The adapters supplied can be used to pump up other items e.g. footballs, air mattresses, inflatable dinghies etc. They are located on the underside of the compressor. To remove, screw on compressor air hose and withdraw adapter.

Jump starting

Do not start with quick charger.

A vehicle with a discharged vehicle battery can be started using jump leads and the vehicle battery of another vehicle.

⚠Warning

Be extremely careful when starting with jump leads. Any deviation from the following instructions can lead to injuries or damage caused by battery explosion or damage to the electrical systems of both vehicles.

⚠Warning

Avoid contact of the battery with eyes, skin, fabrics and painted surfaces. The fluid contains sulphuric acid which can cause injuries and damage in the event of direct contact.

⚠Warning

Never expose the battery to naked flames or sparks.

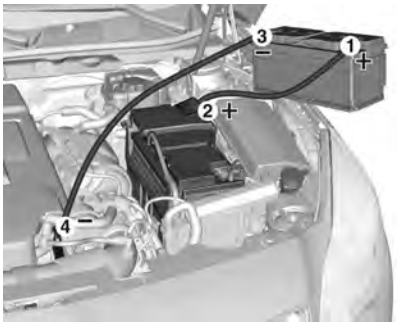
Wear eye protection and protective clothing when handling a battery.

Do not lean over the battery during jump starting.

Do not allow the terminals of one lead to touch those of the other lead.

- A discharged vehicle battery can already freeze at a temperature of 0 °C. Defrost the frozen battery before connecting jump leads.
- Use a booster battery with the same voltage (12 Volts). Its capacity (Ah) must not be much less than that of the discharged vehicle battery.
- Use jump leads with insulated terminals and a cross section of at least 16 mm^2.
- Do not disconnect the discharged vehicle battery from the vehicle.

- Switch off all unnecessary electrical consumers.
- The vehicles must not come into contact with each other during the jump starting process.
- Apply the parking brake, transmission in **P**.
- Open the positive terminal protection caps of both vehicle batteries.



Lead connection order:

1. Connect the red lead to the positive terminal of the booster battery.
2. Connect the other end of the red lead to the positive terminal of the discharged battery.
3. Connect the black lead to the negative terminal of the booster battery.
4. Connect the other end of the black lead to a vehicle grounding point, such as the engine block or an engine mounting bolt. Connect as far away from the discharged battery as possible.

Route the leads so that they cannot catch on rotating parts in the engine compartment.

To start the engine:

1. Start the engine of the vehicle providing the jump.
2. After 5 minutes, start the other engine. Start attempts should be made for no longer than 15 seconds at an interval of 1 minute.
3. Allow both engines to idle for approx. 3 minutes with the leads connected.
4. Switch on electrical consumers (e.g. headlights, heated rear window) of the vehicle receiving the jump start.
5. Reverse above sequence exactly when removing leads.

Towing

Towing the vehicle

Insert screwdriver in the slot at the upper bend of the cap. Release the cap by carefully moving the screwdriver downwards. To prevent damage it is recommended to place a cloth between the screwdriver and the frame.

The towing eye is stowed with the vehicle tools ⇨ 245.

Screw in the towing eye as far as it will go until it stops in a horizontal position.

Attach a tow rope – or better still a tow rod – to the towing eye.

The towing eye must only be used for towing and not for recovering the vehicle.

Switch on ignition to release steering wheel lock and to permit operation of brake lights, horn and windscreen wiper.

Transmission in neutral.

Caution
Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

When the engine is not running, considerably more force is needed to brake and steer.

To prevent the entry of exhaust gases from the towing vehicle, switch on the air recirculation and close the windows.

The vehicle must be towed facing forwards. If the vehicle is towed with all four wheels on the ground, the maximum speed is 50 km/h and for a maximum of 50 km. If the front axle has been raised, the maximum speed is 50 km/h. There is no distance limitation.

Seek the assistance of a Holden dealer.

After towing, unscrew the towing eye.

Insert cap with the lower flange into the recess. Push the cap into the bumper.

Towing another vehicle

Disengage cap at bottom and remove downwards.

The towing eye is stowed with the vehicle tools ⇨ 245.

Screw in the towing eye as far as it will go until it stops in a horizontal position.

The lashing eye at the rear underneath the vehicle must never be used as a towing eye.

Attach a tow rope – or better still a tow rod – to the towing eye.

The towing eye must only be used for towing and not for recovering a vehicle.

Caution
Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

After towing, unscrew the towing eye.

Insert cap at the bottom, turn slightly clockwise and engage cap.

Appearance care

Exterior care

Locks

The locks are lubricated at the factory using a high quality lock cylinder grease. Use de-icing agent only when absolutely necessary, as this has a degreasing effect and impairs lock function. After using de-icing agent, have the locks regreased by a Holden dealer.

Washing

The paintwork of your vehicle is exposed to environmental influences. Wash and wax your vehicle regularly. When using automatic vehicle washes, select a programme that includes waxing.

Bird droppings, dead insects, resin, pollen and the like should be cleaned off immediately, as they contain aggressive constituents which can cause paint damage.

Failure to do so may result in permanent damage. Road bloom is a gradual build up of road and environmental grime. This should be removed with a paint cleaner product, in addition to normal washing, on an annual basis.

If using a vehicle wash, comply with the vehicle wash manufacturer's instructions. The windscreen wiper and rear window wiper must be switched off. Remove antenna and external accessories such as roof racks etc.

If you wash your vehicle by hand, make sure that the insides of the wheel housings are also thoroughly rinsed out.

Wax painted parts of the vehicle regularly.

Clean edges and folds on opened doors and the bonnet as well as the areas they cover.

Caution
Always use a cleaning agent with a pH value of 4 to 9. Do not use cleaning agents on hot surfaces.

Thoroughly rinse and chamois the vehicle. Rinse chamois frequently. Use separate chamois for painted and glass surfaces: remnants of wax on the windows will impair vision.

Have the door hinges of all doors greased by a Holden dealer.

Exterior lights

Headlight and other light covers are made of plastic. Do not use any abrasive or caustic agents, do not use an ice scraper, and do not clean them dry.

Polishing and waxing

Wax the vehicle regularly (at the latest when water no longer beads).

Polishing is necessary only if the paint has become dull or if solid deposits have become attached to it.

Paintwork polish with silicone forms a protective film, making waxing unnecessary.

Plastic body parts must not be treated with wax or polishing agents.

Windows and windscreen wiper blades

Use a soft lint-free cloth or chamois together with window cleaner and insect remover.

When cleaning the rear window from inside, always wipe in parallel to the heating element to prevent damage.

Clean smearing wiper blades with a soft cloth and window cleaner.

Remove dirt residues from smearing wiper blades by using a soft cloth and window cleaner. Also make sure to remove any residues such as wax, insect residues and similar from the window.

Ice residues, pollution and continuous wiping on dry windows will damage or even destroy the wiper blades.

Wheels and tyres

Do not use high-pressure jet cleaners.

Clean rims with a pH-neutral wheel cleaner.

Rims are painted and can be treated with the same agents as the body.

Paintwork damage

Rectify minor paintwork damage with a touch-up pen before rust forms. Have more extensive damage or rust areas repaired by a Holden dealer.

Underbody

Some areas of the vehicle underbody have a PVC undercoating while other critical areas have a durable protective wax coating.

After the underbody is washed, check the underbody and have it waxed if necessary.

Bitumen/rubber materials could damage the PVC coating. Have underbody work carried out by a Holden dealer.

Before and after winter, wash the underbody and have the protective wax coating checked.

Interior care

Interior and upholstery

Only clean the vehicle interior, including the instrument panel fascia and panelling, with a dry cloth or interior cleaner.

The instrument cluster and the displays should only be cleaned using a soft damp cloth. If necessary use a weak soap solution.

Clean fabric upholstery with a vacuum cleaner and brush. Remove stains with an upholstery cleaner.

Clothing fabrics may not be colourfast. This could cause visible discolourations, especially on light-coloured upholstery. Removable stains and discolourations should be cleaned as soon as possible.

Clean seat belts with lukewarm water or interior cleaner.

Caution

Close Velcro fasteners as open Velcro fasteners on clothing could damage seat upholstery.

The same applies to clothing with sharp-edged objects, like zips or belts or studded jeans.

Leather

Clean regularly using a leather revitaliser or mild detergent.

- Apply revitaliser using a lint free cloth and rub it onto the leather.
- Do not saturate the leather with the cleaner and do not pour on directly.
- Allow to dry naturally.
- For deeply embedded soil and dirt, use a leather cleaner.
- After using a leather cleaner/ revitaliser, apply a leather protector.

  A leather protector is designed to repel dirt and provides water resistance.

Note

- Clean and protect leather at least twice a year.
- Do not use synthetic cloths or brushes.
- Leather is a natural product and may have natural markings, variation in graining, colouring and wrinkling.
- Leather has an elasticity and may stretch. This is a natural characteristic of leather.

Plastic and rubber parts

Plastic and rubber parts can be cleaned with the same cleaner as used to clean the body. Use interior cleaner if necessary. Do not use any other agent. Avoid solvents and petrol in particular. Do not use high-pressure jet cleaners.

Service and maintenance

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Recommended fluids, lubricants and parts 259

General information

Service information

In order to ensure economical and safe vehicle operation and to maintain the value of your vehicle, it is of vital importance that all maintenance work is carried out at the proper intervals as specified.

See your service booklet for the service schedules and for more information.

Recommended fluids, lubricants and parts

Recommended fluids and lubricants

Only use products that meet the recommended specifications. Damage resulting from the use of products not in line with these specifications will not be covered by the warranty.

⚠Warning

Operating materials are hazardous and could be poisonous. Handle with care. Pay attention to information given on the containers.

Engine oil

Engine oil is identified by its quality and its viscosity. Quality is more important than viscosity when selecting which engine oil to use. The oil quality ensures e.g. engine cleanliness, wear protection and oil aging control, whereas viscosity grade gives information on the oil's thickness over a temperature range.

Engine oil quality

dexos 2 = 2.8L Petrol engine

Selecting the right engine oil

Selecting the right engine oil depends on the proper oil specification and viscosity grade.

Use and ask for engine oils with the dexos certification mark. Oils meeting the requirements of your vehicle should have the dexos certification mark on the container. This certification mark indicates that the oil has been approved to the dexos specification.

Your vehicle was filled at the factory with dexos approved engine oil.

Use only engine oil that is approved to the dexos specification or an equivalent engine oil of the appropriate viscosity grade.

If you are unsure whether your oil is approved to the dexos specification, ask your service provider.

Use of substitute engine oils if dexos is unavailable: In the event that dexos approved engine oil is not available at an oil change or for maintaining proper oil level, you may use substitute engine oil of the qualities mentioned above. Use of oils that do not meet the dexos specification, however, may result in reduced performance or engine damage under certain circumstances.

Topping up engine oil

Engine oils of different manufacturers and brands can be mixed as long as they comply with the required engine oil quality and viscosity.

Additional engine oil additives

The use of additional engine oil additives could cause damage and invalidate the warranty.

Engine oil viscosity grades

The SAE viscosity grade gives information of the thickness of the oil.

Multigrade oil is indicated by two figures, e.g. SAE 5W-30. The first figure, followed by a W, indicates the low temperature viscosity and the second figure the high temperature viscosity.

Select the appropriate viscosity grade depending on the minimum ambient temperature ⇨ 264.

All of the recommended viscosity grades are suitable for high ambient temperatures.

Coolant and antifreeze

Use only organic acid type-long life coolant (LLC) antifreeze approved for the vehicle. Consult a Holden dealer.

The system is factory filled with coolant designed for excellent corrosion protection and frost protection down to approx. -28 °C. In northern countries with very low temperatures the factory filled coolant provides frost protection down to approx. -37°C. This concentration

should be maintained all year round. The use of additional coolant additives that intend to give additional corrosion protection or seal against minor leaks can cause function problems. Liability for consequences resulting from the use of additional coolant additives will be rejected.

Brake fluid

Only use DOT4 brake fluid.

Over time, brake fluid absorbs moisture which will reduce braking effectiveness. The brake fluid should therefore be replaced at the specified interval.

9 Warning

Using brake fluid other than GM recommended brake fluid may cause corrosion to components of the braking system and reduced braking performance.

Use only new brake fluid. Use of old, used or inferior brake fluid may endanger the functioning of the brake system.

Power steering fluid

Only use Dexron VI fluid.

Automatic transmission fluid

Only use Aisin AW-1 fluid.
(GM Part Number 93165147)

Technical data

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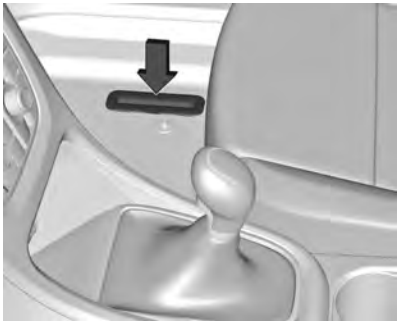
Vehicle data 264

Vehicle identification

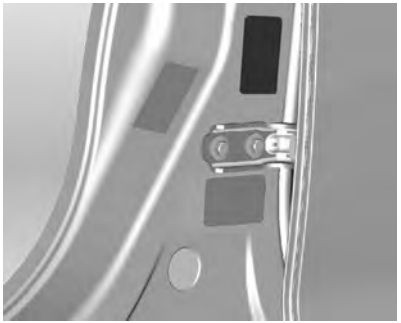
Vehicle Identification Number



The Vehicle Identification Number may be stamped on the identification plate and on the floor pan, under the floor covering, visible under a cover.

The Vehicle Identification Number may be embossed on the instrument panel, visible through the windscreen, or in the engine compartment on the right body panel.

Identification plate



The identification plate is located on the front left door frame.

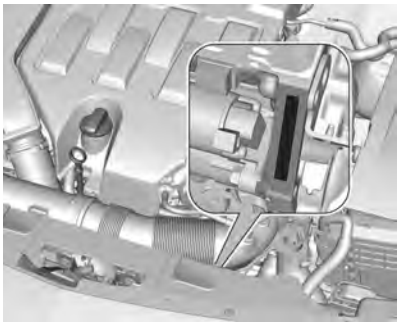
Information on identification label:

1 = Approval number
2 = Manufacturer
3 = Category
4 = Number of seats
5 = Vehicle identification number
6 = Compliance date

Build date label

The build date label is located in the front part of the engine compartment.

Engine serial number



The engine serial number is located in the front part of the engine compartment.

Vehicle data

Recommended fluids and lubricants

International service schedule

Required engine oil quality

Engine	Oil quality	Oil grade
2.8L Petrol	dexos 2	SAE 5W-30 or 5W-40

In case dexos quality is unavailable you may use the oil qualities listed below:

Engine data

Engine	2.8L
Piston displacement [cm^3]	2792
Engine power [kW]	Refer to www.holden.com.au
Torque [Nm]	Refer to www.holden.com.au
Fuel type	Petrol
Octane rating RON	
recommended	98
possible	95
possible	91[1)]
Additional fuel type	–

1) Use of 91 RON petrol is possible only for short periods and if high engine load, full load or driving in mountainous terrain with a caravan / trailer or high payload is avoided.

Vehicle weight

Additional weight

Maximum vehicle payloads

Occupants (average 68 kg each)	Luggage (kg)	Total load (kg)
5	68	505

Maximum front and rear axle loads

Engine	Front axle loads (kg)	Rear axle loads (kg)
2.8L	1215	1140

Loading information ⇨ 55.

Vehicle dimensions

Length [mm]	4842
Width without exterior mirrors [mm]	1856
Width with two exterior mirrors [mm]	2084
Height (without antenna) [mm]	1484
Vehicle height - Rear compartment open [mm]	1830
Length of load compartment floor [mm]	1003
Length of load compartment with folded rear seats [mm]	1895
Load compartment width [mm]	1027
Load compartment height [mm]	356
Wheelbase [mm]	2737
Turning circle diameter [m]	11.4

Capacities

Engine oil

Engine	2.8L
including Filter [l]	6.3
between MIN and MAX [l]	1.0

Fuel tank

Petrol, refilling quantity [l]	70

Tyre pressures

	Comfort with up to 3 people		ECO with up to 3 people		With full load	
Tyres	front	rear	front	rear	front	rear
	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])
255/35 R20	270/2.7 (39)	250/2.5 (36)	310/3.1 (45)	300/3.0 (43)	280/2.8 (41)	300/3.0 (43)

Customer information

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Vehicle data recording and privacy 271

Customer information

Owner assistance

Holden Customer Care

At Holden, we want you to be completely satisfied with your ownership experience. This applies to your vehicle and any Holden representative you may deal with. Refer below for two options for seeking assistance with your query.

Holden Dealerships

Holden encourages you to seek assistance from your Holden Dealership. Each Holden Dealership is equipped to manage any sales, servicing, parts or technical query. In the instance that you wish to escalate a query to a higher level of staff, further options are available to you. As a first step, Holden suggests you discuss any concern with the relevant Department Manager (Sales Manager or Service Manager). Alternatively, the Dealership General Manager or Dealer Principal will also be happy to assist you.

Holden Customer Care Office

Should you wish to speak to a Holden representative, you are welcome to contact the Holden Customer Care team. Refer below for operating hours and various methods of communication.

Operating Hours

Weekdays: 8am – 7pm AEST

Saturday: 9am – 1pm AEST

Telephone

Holden Customer Care can be telephoned from anywhere within Australia for only the cost of a local call.

The contact number is:

1800 033 349

Email

Alternatively, you may prefer to email Holden at:

holdencustomercare@gm.com

Written Correspondence

You can also write to Holden at the address below:

The Manager

Holden Customer Care Centre

GPO Box 1714

Melbourne 3001

Your written correspondence should clearly outline your concern or query and include:

- Your name and address
- Telephone numbers, both private and business
- Servicing dealer's name and address
- Vehicle model
- Vehicle identification number (I.S.O.V.I.N.), refer to the inside front cover of the Service/ Warranty Booklet in your vehicle's glove box
- Date of purchase
- Current odometer reading

Most of this information will be found on the Vehicle Identification Certificate, located inside the front cover of the Service/Warranty Booklet in your vehicle's glove box.

Before you write however, remember that the telephone is the quicker and more efficient means of communication.

New Zealand

The information in this Owner's Handbook applies primarily to Australian Holden vehicles and there may be some differences to the Warranty and Owner Assistance provisions for New Zealand.

Applicable details for New Zealand are set out in the Holden Warranty and Owner Assistance Information booklet enclosed in the New Zealand glove box wallet.

New Zealand Assistance can be reached on:

0800 HOLDEN (0800 465 336)

This number provides access to New Zealand Roadside Assistance as well as New Zealand Customer Care.

Alternatively, you may prefer to email Holden at:

holdencustomercare@gm.com

You can also write to Holden at the address below:

The Manager

Holden Customer Care Centre

P.O. Box 11195

Ellerslie

Auckland 1542

New Zealand

Vehicle data recording and privacy

Event data recorders

Data storage modules in the vehicle

A large number of electronic components of your vehicle contain data storage modules temporarily or permanently storing technical data about the condition of the vehicle, events and errors. In general, this technical information documents the condition of parts, modules, systems or the environment:

- Operating conditions of system components (e.g. filling levels)
- Status messages of the vehicle and its single components (e.g. number of wheel revolutions / rotational speed, deceleration, lateral acceleration)
- Dysfunctions and defects in important system components
- Vehicle reactions in particular driving situations (e.g. inflation of an airbag, activation of the stability regulation system)
- Environmental conditions (e.g. temperature)

These data are exclusively technical and help identifying and correcting errors as well as optimising vehicle functions.

Motion profiles indicating travelled routes cannot be created with these data.

If services are used (e.g. repair works, service processes, warranty cases, quality assurance), employees of the service network (manufacturer included) are able to read out this technical information from the event and error data storage modules applying special diagnostic devices. If required, you will receive further information at these Holden dealers. After an error has been corrected, the data are deleted from the error storage module or they are constantly overwritten.

When using the vehicle, situations may occur in which these technical data related to other information (accident report, damages on the vehicle, witness statements etc.) may be associated with a specific person - possibly, with the assistance of an expert.

Additional functions contractually agreed upon with the client (e.g. vehicle location in emergency cases) allow the transmission of particular vehicle data from the vehicle.

Radio Frequency Identification (RFID)

RFID technology is used in some vehicles for functions such as tyre pressure monitoring and ignition system security. It is also used in connection with conveniences such as radio remote controls for door locking/unlocking and starting, and in-vehicle transmitters for garage door openers. RFID technology in Holden vehicles does not use or record personal information or link with any other Holden system containing personal information.

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